

Package: fresh (via r-universe)

June 27, 2024

Title Create Custom 'Bootstrap' Themes to Use in 'Shiny'

Version 0.2.1

Description Customize 'Bootstrap' and 'Bootswatch' themes, like colors, fonts, grid layout, to use in 'Shiny' applications, 'rmarkdown' documents and 'flexdashboard'.

URL <https://github.com/dreamRs/fresh>

BugReports <https://github.com/dreamRs/fresh/issues>

License GPL-3

Encoding UTF-8

Imports bslib, htmltools, rstudioapi, sass, shiny

Suggests bsicons, shinyWidgets, shinydashboard, bs4Dash, knitr, rmarkdown, testthat (>= 2.1.0), covr

RoxygenNote 7.3.1

VignetteBuilder knitr

NeedsCompilation no

Author Victor Perrier [aut, cre, cph], Fanny Meyer [aut], Thomas Park [ctb, cph] (Bootswatch themes), Mark Otto [ctb] (Bootstrap library), Jacob Thornton [ctb] (Bootstrap library), Bootstrap contributors [ctb] (Bootstrap library), Twitter, Inc [cph] (Bootstrap library), onkbear [ctb, cph] (admin-lte-2-sass), Colorlib [ctb, cph] (AdminLTE)

Maintainer Victor Perrier <victor.perrier@dreamrs.fr>

Repository CRAN

Date/Publication 2024-06-26 09:50:11 UTC

Contents

adminlte_color	2
adminlte_global	5
adminlte_sidebar	6

adminlte_vars	8
bs-theme-nord	9
bs3-variables	12
bs4Dash-sidebar	23
bs4dash_button	26
bs4dash_color	27
bs4dash_font	30
bs4dash_layout	32
bs4dash_status	34
bs4Dash_theme	37
bs4dash_vars	39
bs4dash_yiq	40
bs_vars_file	41
create_pretty	42
create_theme	43
fresh	44
search_vars	45
search_vars_adminlte2	46
search_vars_bs	46
search_vars_bs4dash	47
use_googlefont	48
use_pretty	49
use_theme	50
use_vars_template	51

Index 53

adminlte_color	<i>AdminLTE CSS colors variables</i>
----------------	--------------------------------------

Description

Those variables can be used to customize defaults colors in shinydashboard.

Usage

```
adminlte_color(
  light_blue = NULL,
  red = NULL,
  green = NULL,
  aqua = NULL,
  yellow = NULL,
  blue = NULL,
  navy = NULL,
  teal = NULL,
  olive = NULL,
  lime = NULL,
  orange = NULL,
```

```
fuchsia = NULL,  
purple = NULL,  
maroon = NULL,  
black = NULL,  
gray_lte = NULL  
)
```

Arguments

light_blue	Light blue (primary status), default to #3c8dbc.
red	Red (danger status), default to #dd4b39.
green	Green (success status), default to #00a65a.
aqua	Aqua (info status), default to #00c0ef.
yellow	Yellow (warning status), default to #f39c12.
blue	Blue, default to #0073b7.
navy	Navy, default to #001f3f.
teal	Teal, default to #39cccc.
olive	Olive, default to #3d9970.
lime	Lime, default to #01ff70.
orange	Orange, default to #ff851b.
fuchsia	Fuchsia, default to #f012be.
purple	Purple, default to #605ca8.
maroon	Maroon, default to #d81b60.
black	Black, default to #111.
gray_lte	Gray, default to #d2d6de.

Value

a list that can be used in [create_theme](#).

Examples

```
adminlte_color(  
  light_blue = "#086A87",  
  aqua = "#A9D0F5",  
  green = "#0B3B0B",  
  purple = "#610B4B"  
)  
  
if (interactive()) {  
  library(shiny)  
  library(shinydashboard)  
  
  ui <- dashboardPage(  
    header = dashboardHeader(title = "My dashboard"),  
    sidebar = dashboardSidebar(  
      
```

```

sidebarMenu(
  menuItem(
    "Dashboard",
    tabName = "dashboard",
    icon = icon("dashboard")
  )
),
body = dashboardBody(

  use_theme(create_theme(
    adminlte_color(
      light_blue = "#086A87",
      aqua = "#A9D0F5",
      green = "#0B3B0B",
      purple = "#610B4B"
    )
  )),

  tabItems(
    tabItem(
      "dashboard",

      # infoBoxes
      fluidRow(
        infoBox(
          "Orders", uiOutput("orderNum2"),
          "Subtitle", icon = icon("credit-card")
        ),
        infoBox(
          "Approval Rating", "60%",
          icon = icon("line-chart"), color = "green",
          fill = TRUE
        ),
        infoBox(
          "Progress", "20%",
          icon = icon("users"),
          color = "purple"
        )
      ),

      # valueBoxes
      fluidRow(
        valueBox(
          5846, "New Orders",
          icon = icon("credit-card"),
          href = "http://google.com"
        ),
        valueBox(
          tagList("60",
            tags$sup(style="font-size: 20px", "%")),
          "Approval Rating",
          icon = icon("line-chart"),

```

```
        color = "green"
      ),
      valueBox(
        "42%", "Progress",
        icon = icon("users"),
        color = "purple"
      )
    )
  )
)
)
)
)
)

server <- function(input, output, session) {

}

shinyApp(ui, server)
}
```

adminlte_global

AdminLTE CSS global variables

Description

Those variables can be used to customize global settings in shinydashboard.

Usage

```
adminlte_global(content_bg = NULL, box_bg = NULL, info_box_bg = NULL)
```

Arguments

content_bg	Background color of the body.
box_bg	Default background color for boxes.
info_box_bg	Default background color for info boxes.

Value

a list that can be used in [create_theme](#).

Examples

```
if (interactive()) {
  library(shiny)
  library(shinydashboard)

  ui <- dashboardPage(
```

```
header = dashboardHeader(title = "My dashboard"),
sidebar = dashboardSidebar(),
body = dashboardBody(

  use_theme(create_theme(
    adminlte_global(
      content_bg = "#FAAC58"
    )
  ))
)
)

server <- function(input, output, session) {

}

shinyApp(ui, server)
}
```

adminlte_sidebar

AdminLTE CSS sidebar variables

Description

Those variables can be used to customize the sidebar in shinydashboard.

Usage

```
adminlte_sidebar(
  width = NULL,
  dark_bg = NULL,
  dark_hover_bg = NULL,
  dark_color = NULL,
  dark_hover_color = NULL,
  dark_submenu_bg = NULL,
  dark_submenu_color = NULL,
  dark_submenu_hover_color = NULL,
  light_bg = NULL,
  light_hover_bg = NULL,
  light_color = NULL,
  light_hover_color = NULL,
  light_submenu_bg = NULL,
  light_submenu_color = NULL,
  light_submenu_hover_color = NULL
)
```

Arguments

<code>width</code>	Side bar width, default to 230px.
<code>dark_bg</code>	Background color (dark mode).
<code>dark_hover_bg</code>	Background hover color (dark mode).
<code>dark_color</code>	Text color (dark mode).
<code>dark_hover_color</code>	Text hover color (dark mode).
<code>dark_submenu_bg</code>	Background sub-menu color (dark mode).
<code>dark_submenu_color</code>	Text sub-menu color (dark mode).
<code>dark_submenu_hover_color</code>	Text sub-menu hover color (dark mode).
<code>light_bg</code>	Background color (light mode).
<code>light_hover_bg</code>	Background hover color (light mode).
<code>light_color</code>	Text color (light mode).
<code>light_hover_color</code>	Text hover color (light mode).
<code>light_submenu_bg</code>	Background sub-menu color (light mode).
<code>light_submenu_color</code>	Text sub-menu color (light mode).
<code>light_submenu_hover_color</code>	Text sub-menu hover color (light mode).

Value

a list that can be used in [create_theme](#).

Examples

```
if (interactive()) {
  library(shiny)
  library(shinydashboard)

  ui <- dashboardPage(
    header = dashboardHeader(title = "My dashboard"),
    sidebar = dashboardSidebar(
      sidebarMenu(
        menuItem("Dashboard", tabName = "dashboard", icon = icon("dashboard")),
        menuItem("Widgets", icon = icon("th"), tabName = "widgets", badgeLabel = "new",
          badgeColor = "green"),
        menuItem("Charts", icon = icon("bar-chart-o"),
          menuSubItem("Sub-item 1", tabName = "subitem1"),
          menuSubItem("Sub-item 2", tabName = "subitem2")
        )
      )
    )
}
```

```
    )
  ),
  body = dashboardBody(

    use_theme(create_theme(
      adminlte_sidebar(
        dark_bg = "#F5A9A9",
        dark_hover_bg = "#8A0808"
      )
    ))
  )
)

server <- function(input, output, session) {

}

shinyApp(ui, server)
}
```

adminlte_vars

AdminLTE 2 custom variables

Description

Use any AdminLTE or Bootstrap variables to customize a shinydashboard theme.

Usage

```
adminlte_vars(...)
```

Arguments

... Variables to use, under the form `body_bg = "#FFF"` or `"body-bg" = "#FFF"`.

Value

a list that can be used in [create_theme](#).

Note

For a full list of available variables, use [search_vars_adminlte2](#).

Examples

```
adminlte_vars(body_bg = "#FFF")

adminlte_vars("body-bg" = "#FFF")
```

`bs-theme-nord`*Bootstrap Theme based on Nord palette*

Description

Bootstrap Theme based on Nord palette

Usage

```
bs_theme_nord_light(version = bslib::version_default(), preset = "bootstrap")
```

```
bs_theme_nord_dark(version = bslib::version_default(), preset = "bootstrap")
```

Arguments

<code>version</code>	The major version of Bootstrap to use, see bslib::bs_theme() .
<code>preset</code>	The name of a theme preset, default to "bootstrap".

Value

Returns a [sass::sass_bundle\(\)](#) (list-like) object.

Examples

```
library(shiny)
library(bslib)
library(bsicons)

make_btns <- function(outline = FALSE) {
  lapply(
    X = c("primary", "secondary", "success", "danger", "warning", "info"),
    FUN = function(x) {
      if (outline)
        x <- paste0("outline-", x)
      actionButton(paste0("btn", x), paste("Button", x), class = paste("btn", x, sep = "-"))
    }
  )
}

ui <- page_navbar(
  title = "Nord theme",

  theme = bs_theme_nord_light(),

  fillable = FALSE,
  sidebar = sidebar(
    "Sidebar",
    selectInput("id", "Choice:", month.name)
  ),
)
```

```
nav_panel(  
  "Page 1",  
  
  make_btns(),  
  tags$br(), tags$br(),  
  make_btns(TRUE),  
  tags$br(), tags$br(),  
  
  layout_column_wrap(  
    width = 1 / 5,  
    value_box(  
      title = "1st value",  
      value = "123",  
      showcase = bs_icon("bar-chart"),  
      theme = "primary",  
      p("The 1st detail")  
    ),  
    value_box(  
      title = "2nd value",  
      value = "456",  
      showcase = bs_icon("graph-up"),  
      theme = "success",  
      p("The 2nd detail"),  
      p("The 3rd detail")  
    ),  
    value_box(  
      title = "3rd value",  
      value = "789",  
      showcase = bs_icon("pie-chart"),  
      theme = "danger",  
      p("The 4th detail"),  
      p("The 5th detail"),  
      p("The 6th detail")  
    ),  
    value_box(  
      title = "4th value",  
      value = "123",  
      showcase = bs_icon("bar-chart"),  
      theme = "warning",  
      p("The 1st detail")  
    ),  
    value_box(  
      title = "5th value",  
      value = "123",  
      showcase = bs_icon("bar-chart"),  
      theme = "info",  
      p("The 1st detail")  
    )  
  ),  
  layout_column_wrap(  
    width = 1 / 5,  
    card(  
      card_header(  

```

```

        class = "bg-primary",
        "A header"
      ),
      card_body("Some content")
    ),
    card(
      card_header(
        class = "bg-success",
        "A header"
      ),
      card_body("Some content")
    ),
    card(
      card_header(
        class = "bg-danger",
        "A header"
      ),
      card_body("Some content")
    ),
    card(
      card_header(
        class = "bg-warning",
        "A header"
      ),
      card_body("Some content")
    ),
    card(
      card_header(
        class = "bg-info",
        "A header"
      ),
      card_body("Some content")
    )
  ),
  nav_panel("Page 2", "Page 2 content"),
  nav_spacer(),
  nav_item(
    input_switch("dark_mode", "Dark mode", width = "120px")
  )
)

server <- function(input, output, session) {
  observe(session$setCurrentTheme(
    if (isTRUE(input$dark_mode)) bs_theme_nord_dark() else bs_theme_nord_light()
  ))
}

if (interactive())
  shinyApp(ui, server)

```

bs3-variables

Bootstrap custom variables

Description

Use any Bootstrap variables to customize a shiny theme.

Usage

```
bs_vars(...)
```

```
bs_vars_global(  
  body_bg = NULL,  
  text_color = NULL,  
  link_color = NULL,  
  link_hover_color = NULL,  
  line_height_base = NULL,  
  grid_columns = NULL,  
  grid_gutter_width = NULL,  
  border_radius_base = NULL  
)
```

```
bs_vars_color(  
  brand_primary = NULL,  
  brand_success = NULL,  
  brand_info = NULL,  
  brand_warning = NULL,  
  brand_danger = NULL,  
  gray_base = NULL,  
  gray_darker = NULL,  
  gray_dark = NULL,  
  gray = NULL,  
  gray_light = NULL,  
  gray_lighter = NULL  
)
```

```
bs_vars_navbar(  
  height = NULL,  
  margin_bottom = NULL,  
  border_radius = NULL,  
  padding_horizontal = NULL,  
  padding_vertical = NULL,  
  collapse_max_height = NULL,  
  default_color = NULL,  
  default_bg = NULL,  
  default_border = NULL,  
  default_link_color = NULL,
```

```
    default_link_active_color = NULL,  
    default_link_active_bg = NULL,  
    default_link_hover_color = NULL,  
    default_link_hover_bg = NULL,  
    inverse_color = NULL,  
    inverse_bg = NULL,  
    inverse_border = NULL,  
    inverse_link_color = NULL,  
    inverse_link_active_color = NULL,  
    inverse_link_active_bg = NULL,  
    inverse_link_hover_color = NULL,  
    inverse_link_hover_bg = NULL  
)  
  
bs_vars_nav(  
    link_padding = NULL,  
    link_hover_bg = NULL,  
    disabled_link_color = NULL,  
    disabled_link_hover_color = NULL  
)  
  
bs_vars_font(  
    family_sans_serif = NULL,  
    size_base = NULL,  
    size_large = NULL,  
    size_small = NULL,  
    size_h1 = NULL,  
    size_h2 = NULL,  
    size_h3 = NULL,  
    size_h4 = NULL,  
    size_h5 = NULL,  
    size_h6 = NULL  
)  
  
bs_vars_wells(bg = NULL, border = NULL)  
  
bs_vars_state(  
    success_text = NULL,  
    success_bg = NULL,  
    success_border = NULL,  
    info_text = NULL,  
    info_bg = NULL,  
    info_border = NULL,  
    warning_text = NULL,  
    warning_bg = NULL,  
    warning_border = NULL,  
    danger_text = NULL,  
    danger_bg = NULL,
```

```
    danger_border = NULL
)

bs_vars_input(
  bg = NULL,
  color = NULL,
  border = NULL,
  border_radius = NULL,
  color_placeholder = NULL,
  group_addon_bg = NULL,
  border_focus = NULL,
  bg_disabled = NULL
)

bs_vars_alert(
  padding = NULL,
  border_radius = NULL,
  link_font_weight = NULL,
  success_text = NULL,
  success_bg = NULL,
  success_border = NULL,
  info_text = NULL,
  info_bg = NULL,
  info_border = NULL,
  warning_text = NULL,
  warning_bg = NULL,
  warning_border = NULL,
  danger_text = NULL,
  danger_bg = NULL,
  danger_border = NULL
)

bs_vars_progress(
  bg = NULL,
  bar_color = NULL,
  border_radius = NULL,
  bar_bg = NULL,
  bar_success_bg = NULL,
  bar_warning_bg = NULL,
  bar_danger_bg = NULL,
  bar_info_bg = NULL
)

bs_vars_panel(
  bg = NULL,
  body_padding = NULL,
  heading_padding = NULL,
  footer_padding = NULL,
```

```
border_radius = NULL,  
inner_border = NULL,  
footer_bg = NULL,  
default_text = NULL,  
default_border = NULL,  
default_heading_bg = NULL,  
primary_text = NULL,  
primary_border = NULL,  
primary_heading_bg = NULL,  
success_text = NULL,  
success_border = NULL,  
success_heading_bg = NULL,  
info_text = NULL,  
info_border = NULL,  
info_heading_bg = NULL,  
warning_text = NULL,  
warning_border = NULL,  
warning_heading_bg = NULL,  
danger_text = NULL,  
danger_border = NULL,  
danger_heading_bg = NULL  
)  
  
bs_vars_modal(  
  md = NULL,  
  lg = NULL,  
  sm = NULL,  
  inner_padding = NULL,  
  title_padding = NULL,  
  title_line_height = NULL,  
  content_bg = NULL,  
  content_border_color = NULL,  
  content_fallback_border_color = NULL,  
  backdrop_bg = NULL,  
  backdrop_opacity = NULL,  
  header_border_color = NULL,  
  footer_border_color = NULL  
)  
  
bs_vars_button(  
  font_weight = NULL,  
  default_color = NULL,  
  default_bg = NULL,  
  default_border = NULL,  
  primary_color = NULL,  
  primary_bg = NULL,  
  primary_border = NULL,  
  success_color = NULL,
```

```
    success_bg = NULL,  
    success_border = NULL,  
    info_color = NULL,  
    info_bg = NULL,  
    info_border = NULL,  
    warning_color = NULL,  
    warning_bg = NULL,  
    warning_border = NULL,  
    danger_color = NULL,  
    danger_bg = NULL,  
    danger_border = NULL,  
    link_disabled_color = NULL,  
    border_radius_base = NULL,  
    border_radius_large = NULL,  
    border_radius_small = NULL  
)  
  
bs_vars_dropdown(  
    bg = NULL,  
    border = NULL,  
    fallback_border = NULL,  
    divider_bg = NULL,  
    link_color = NULL,  
    link_hover_color = NULL,  
    link_hover_bg = NULL,  
    link_active_color = NULL,  
    link_active_bg = NULL,  
    link_disabled_color = NULL,  
    header_color = NULL  
)  
  
bs_vars_pills(  
    border_radius = NULL,  
    active_link_hover_bg = NULL,  
    active_link_hover_color = NULL  
)  
  
bs_vars_tabs(  
    border_color = NULL,  
    link_hover_border_color = NULL,  
    active_link_hover_bg = NULL,  
    active_link_hover_color = NULL,  
    active_link_hover_border_color = NULL,  
    justified_link_border_color = NULL,  
    justified_active_link_border_color = NULL  
)  
  
bs_vars_badge(  

```



```

    color = NULL,
    bg = NULL,
    link_hover_color = NULL,
    active_color = NULL,
    active_bg = NULL,
    font_weight = NULL,
    line_height = NULL,
    border_radius = NULL
)

bs_vars_component(
    padding_base_vertical = NULL,
    padding_base_horizontal = NULL,
    padding_large_vertical = NULL,
    padding_large_horizontal = NULL,
    padding_small_vertical = NULL,
    padding_small_horizontal = NULL,
    padding_xs_vertical = NULL,
    padding_xs_horizontal = NULL,
    line_height_large = NULL,
    line_height_small = NULL,
    border_radius_base = NULL,
    border_radius_large = NULL,
    border_radius_small = NULL,
    component_active_color = NULL,
    component_active_bg = NULL,
    caret_width_base = NULL,
    caret_width_large = NULL
)

bs_vars_table(
    cell_padding = NULL,
    condensed_cell_padding = NULL,
    bg = NULL,
    bg_accent = NULL,
    bg_hover = NULL,
    bg_active = NULL,
    border_color = NULL
)

```

Arguments

...	Variables to use, under the form <code>body_bg = "#FFF"</code> or <code>"body-bg" = "#FFF"</code> .
<code>body_bg</code>	Background color for the body.
<code>text_color</code>	Global text color on body.
<code>link_color</code>	Dropdown link text color.
<code>link_hover_color</code>	Linked badge text color on hover.

<code>line_height_base</code>	Unit-less line-height for use in components like buttons.
<code>grid_columns</code>	Number of columns in the grid, e.g. in <code>shiny::fluidRow(shiny::column(...))</code> .
<code>grid_gutter_width</code>	Padding between columns. Gets divided in half for the left and right.
<code>border_radius_base</code>	Base border radius.
<code>brand_primary</code>	Primary color, default: #337ab7.
<code>brand_success</code>	Success color, default: #5cb85c.
<code>brand_info</code>	Info color, default: #5bc0de.
<code>brand_warning</code>	Warning color, default: #f0ad4e.
<code>brand_danger</code>	Danger color, default: #d9534f.
<code>gray_base</code>	Base gray color.
<code>gray_darker</code>	Darker gray color.
<code>gray_dark</code>	Dark gray color.
<code>gray</code>	Gray color.
<code>gray_light</code>	Light gray color.
<code>gray_lighter</code>	Lighter gray color.
<code>height</code>	Height of the navbar, e.g. "50px" (the default in Bootstrap).
<code>margin_bottom</code>	Bottom margin of navbar.
<code>border_radius</code>	Border radius.
<code>padding_horizontal</code>	Horizontal padding.
<code>padding_vertical</code>	= Vertical padding.
<code>collapse_max_height</code>	Max height when collapsed.
<code>default_color</code>	Text color for default buttons.
<code>default_bg</code>	Background color for default buttons.
<code>default_border</code>	Border color for default buttons.
<code>default_link_color</code>	Link color.
<code>default_link_active_color</code>	Color for active link (selected tab).
<code>default_link_active_bg</code>	Background color for active link (selected tab).
<code>default_link_hover_color</code>	Color of links when hovered.
<code>default_link_hover_bg</code>	Background color of links when hovered.
<code>inverse_color</code>	Color of text for inverted navbar.

<code>inverse_bg</code>	Background color for inverted navbar.
<code>inverse_border</code>	Border color for inverted navbar.
<code>inverse_link_color</code>	Link color for inverted navbar.
<code>inverse_link_active_color</code>	Color for active link (selected tab) for inverted navbar.
<code>inverse_link_active_bg</code>	Background color for active link (selected tab) for inverted navbar.
<code>inverse_link_hover_color</code>	Color of links when hovered for inverted navbar.
<code>inverse_link_hover_bg</code>	Background color of links when hovered for inverted navbar.
<code>link_padding</code>	Padding for links (tabset's titles).
<code>link_hover_bg</code>	Hover background for dropdown links.
<code>disabled_link_color</code>	Disabled link color.
<code>disabled_link_hover_color</code>	Disabled link hover color.
<code>family_sans_serif</code>	Font family to use.
<code>size_base</code>	Size of base font, e.g. normal text, default in Bootstrap is "15px".
<code>size_large</code>	Size of large text.
<code>size_small</code>	Size of small text.
<code>size_h1</code>	Size of h1 tags.
<code>size_h2</code>	Size of h2 tags.
<code>size_h3</code>	Size of h3 tags.
<code>size_h4</code>	Size of h4 tags.
<code>size_h5</code>	Size of h5 tags.
<code>size_h6</code>	Size of h6 tags.
<code>bg</code>	Background color.
<code>border</code>	Dropdown menu border-color.
<code>success_text</code>	Text color for success status.
<code>success_bg</code>	Background color for success buttons.
<code>success_border</code>	Border color for success buttons.
<code>info_text</code>	Text color for info status.
<code>info_bg</code>	Background color for info buttons.
<code>info_border</code>	Border color for info buttons.
<code>warning_text</code>	Text color for warning status.
<code>warning_bg</code>	Background color for warning buttons.
<code>warning_border</code>	Border color for warning buttons.

<code>danger_text</code>	Text color for danger status.
<code>danger_bg</code>	Background color for danger buttons.
<code>danger_border</code>	Border color for danger buttons.
<code>color</code>	Text color.
<code>color_placeholder</code>	Text color of placeholder.
<code>group_addon_bg</code>	Background color of addons.
<code>border_focus</code>	Color of border when focused.
<code>bg_disabled</code>	Background color for disabled input.
<code>padding</code>	Padding for alerts.
<code>link_font_weight</code>	Font weight for links in alerts.
<code>bar_color</code>	Progress bar text color
<code>bar_bg</code>	Default progress bar color.
<code>bar_success_bg</code>	Success progress bar color.
<code>bar_warning_bg</code>	Warning progress bar color.
<code>bar_danger_bg</code>	Danger progress bar color.
<code>bar_info_bg</code>	Info progress bar color.
<code>body_padding</code>	Panel body padding.
<code>heading_padding</code>	Panel heading padding.
<code>footer_padding</code>	Panel footer padding.
<code>inner_border</code>	Border color for inner elements in panel.
<code>footer_bg</code>	Panel footer background color.
<code>default_text</code>	Default color for text.
<code>default_heading_bg</code>	Default background color for panel heading.
<code>primary_text</code>	Text color for primary status.
<code>primary_border</code>	Border color for primary buttons.
<code>primary_heading_bg</code>	Heading background color for primary status.
<code>success_heading_bg</code>	Heading background color for success status.
<code>info_heading_bg</code>	Heading background color for info status.
<code>warning_heading_bg</code>	Heading background color for warning status.
<code>danger_heading_bg</code>	Heading background color for danger status.
<code>md</code>	Size in pixel for medium modal, e.g. <code>modalDialog(size = "m")</code> .

lg	Size in pixel for large modal, e.g. <code>modalDialog(size = "l")</code> .
sm	Size in pixel for small modal, e.g. <code>modalDialog(size = "s")</code> .
inner_padding	Padding applied to the modal body.
title_padding	Padding applied to the modal title.
title_line_height	Modal title line-height.
content_bg	Background color of modal content area.
content_border_color	Modal content border color.
content_fallback_border_color	Modal content border color (for IE8).
backdrop_bg	Modal backdrop background color.
backdrop_opacity	Modal backdrop opacity.
header_border_color	Modal header border color.
footer_border_color	Modal footer border color.
font_weight	Font weight, e.g. : "bold".
primary_color	Text color for primary buttons.
primary_bg	Background color for primary buttons.
success_color	Text color for success buttons.
info_color	Text color for info buttons.
warning_color	Text color for warning buttons.
danger_color	Text color for danger buttons.
link_disabled_color	Disabled dropdown menu item background color.
border_radius_large	Large border radius.
border_radius_small	Small border radius.
fallback_border	Dropdown menu border-color (for IE8).
divider_bg	Divider color for between dropdown items.
link_active_color	Active dropdown menu item text color.
link_active_bg	Active dropdown menu item background color.
header_color	Text color for headers within dropdown menus.
active_link_hover_bg	Active link hover background color.
active_link_hover_color	Active link hover color.

<code>border_color</code>	Border color.
<code>link_hover_border_color</code>	Link hover color.
<code>active_link_hover_border_color</code>	Active link hover border color.
<code>justified_link_border_color</code>	Justified link border color.
<code>justified_active_link_border_color</code>	Justified active link border color.
<code>active_color</code>	Badge text color in active nav link.
<code>active_bg</code>	Badge background color in active nav link.
<code>line_height</code>	Line height.
<code>padding_base_vertical</code>	Vertical base padding.
<code>padding_base_horizontal</code>	Horizontal base padding.
<code>padding_large_vertical</code>	Vertical large padding.
<code>padding_large_horizontal</code>	Horizontal large padding.
<code>padding_small_vertical</code>	Vertical small padding.
<code>padding_small_horizontal</code>	Horizontal small padding.
<code>padding_xs_vertical</code>	Vertical extra small padding.
<code>padding_xs_horizontal</code>	Horizontal extra small padding.
<code>line_height_large</code>	Line height for large elements.
<code>line_height_small</code>	Line height for small elements.
<code>component_active_color</code>	Color for active components.
<code>component_active_bg</code>	Background color for active components.
<code>caret_width_base</code>	Width for caret.
<code>caret_width_large</code>	Widget for large caret.
<code>cell_padding</code>	Cell padding.
<code>condensed_cell_padding</code>	Cell padding when using condensed table.
<code>bg_accent</code>	Background color used in striped table.
<code>bg_hover</code>	Background color used when hovering the table with the mouse.
<code>bg_active</code>	Background color when row is selected.

Value

a list that can be used in `create_theme()`.

Note

For a full list of available variables, use `search_vars_bs()`.

Examples

```
bs_vars(body_bg = "#FFF")
```

```
bs_vars("body-bg" = "#FFF")
```

bs4Dash-sidebar	<i>bs4Dash sidebar skins light/dark</i>
-----------------	---

Description

bs4Dash sidebar skins light/dark

Usage

```
bs4dash_sidebar_light(  
  bg = NULL,  
  hover_bg = NULL,  
  color = NULL,  
  hover_color = NULL,  
  active_color = NULL,  
  submenu_bg = NULL,  
  submenu_color = NULL,  
  submenu_hover_color = NULL,  
  submenu_hover_bg = NULL,  
  submenu_active_color = NULL,  
  submenu_active_bg = NULL,  
  header_color = NULL  
)
```

```
bs4dash_sidebar_dark(  
  bg = NULL,  
  hover_bg = NULL,  
  color = NULL,  
  hover_color = NULL,  
  active_color = NULL,  
  submenu_bg = NULL,  
  submenu_color = NULL,  
  submenu_hover_color = NULL,  
  submenu_hover_bg = NULL,
```

```

    submenu_active_color = NULL,
    submenu_active_bg = NULL,
    header_color = NULL
  )

```

Arguments

<code>bg</code>	Background color.
<code>hover_bg</code>	Hover background color.
<code>color</code>	Color.
<code>hover_color</code>	Hover color.
<code>active_color</code>	Active color.
<code>submenu_bg</code>	Submenu background color.
<code>submenu_color</code>	Submenu color.
<code>submenu_hover_color</code>	Submenu hover color.
<code>submenu_hover_bg</code>	Submenu hover background color.
<code>submenu_active_color</code>	Submenu active color.
<code>submenu_active_bg</code>	Submenu active background color.
<code>header_color</code>	Header color.

Value

a list that can be used in [create_theme](#).

Examples

```

# Change colors used in bs4Dash
bs4dash_sidebar_light(
  bg = "#D7DF01",
  color = "#FF0000",
  active_color = "#00FF00",
  submenu_bg = "#00FFFF"
)

if (interactive()) {
  library(shiny)
  library(bs4Dash)

  ui <- bs4DashPage(
    title = "bs4Dash Custom Sidebar",
    navbar = bs4DashNavbar(),
    sidebar = bs4DashSidebar(
      title = "bs4Dash Custom Sidebar",

```



```

    skin = "light",
    bs4SidebarHeader("Sidebar Title"),
    bs4SidebarMenu(
      bs4SidebarMenuItem(
        tabName = "menu1",
        text = "Menu 1",
        icon = "home"
      ),
      bs4SidebarMenuItem(
        tabName = "menu2",
        text = "Menu 2",
        icon = "th"
      ),
      bs4SidebarMenuItem(
        text = "Item List",
        icon = "bars",
        startExpanded = TRUE,
        bs4SidebarMenuSubItem(
          text = "Item 1",
          tabName = "item1",
          icon = "circle-thin"
        ),
        bs4SidebarMenuSubItem(
          text = "Item 2",
          tabName = "item2",
          icon = "circle-thin"
        )
      )
    )
  ),
  body = bs4DashBody(
    use_theme(create_theme(
      bs4dash_sidebar_light(
        bg = "#D7DF01",
        color = "#FF0000",
        active_color = "#00FF00",
        submenu_bg = "#00FFFF"
      )
    ))
  )
)

server <- function(input, output) {

}

shinyApp(ui, server)
}

```

bs4dash_button	<i>bs4dash buttons variables</i>
----------------	----------------------------------

Description

bs4dash buttons variables

Usage

```
bs4dash_button(  
    default_background_color = NULL,  
    default_color = NULL,  
    default_border_color = NULL,  
    padding_y_xs = NULL,  
    padding_x_xs = NULL,  
    line_height_xs = NULL,  
    font_size_xs = NULL,  
    border_radius_xs = NULL  
)
```

Arguments

`default_background_color` Default background color.

`default_color` Default color.

`default_border_color` Default border color.

`padding_y_xs` Vertical padding for extra small button.

`padding_x_xs` Horizontal padding for extra small button.

`line_height_xs` Line height for extra small button.

`font_size_xs` Font size for extra small button.

`border_radius_xs` Border radius for extra small button.

Value

a list that can be used in [create_theme](#).

Examples

```
# This will affect default actionBar()  
bs4dash_button(  
    default_background_color = "#FF0000",  
    default_color = "#3ADF00",  
    default_border_color = "#3ADF00"  
)
```

```
if (interactive()) {  
  
  library(shiny)  
  library(bs4Dash)  
  
  ui <- bs4DashPage(  
    title = "bs4Dash Custom Colors",  
    navbar = bs4DashNavbar(),  
    sidebar = bs4DashSidebar(),  
    body = bs4DashBody(  
  
      use_theme(create_theme(  
        bs4dash_button(  
          default_background_color = "#FF0000",  
          default_color = "#3ADF00",  
          default_border_color = "#3ADF00"  
        )  
      )),  
  
      actionButton(  
        "btn",  
        "An action button",  
        icon("rocket")  
      )  
    )  
  )  
  
  server <- function(input, output) {  
  
  }  
  
  shinyApp(ui, server)  
}
```

bs4dash_color

bs4Dash main colors

Description

bs4Dash main colors

Usage

```
bs4dash_color(  
  blue = NULL,  
  lightblue = NULL,  
  navy = NULL,  
  cyan = NULL,
```

```

teal = NULL,
olive = NULL,
green = NULL,
lime = NULL,
orange = NULL,
yellow = NULL,
fuchsia = NULL,
purple = NULL,
maroon = NULL,
red = NULL,
black = NULL,
gray_x_light = NULL,
gray_600 = NULL,
gray_800 = NULL,
gray_900 = NULL,
white = NULL
)

```

Arguments

blue	Default: #007bff. This color is used for primary status.
lightblue	Default: #3c8dbc.
navy	Default: #001f3f.
cyan	Default: #17a2b8. This color is used for info status.
teal	Default: #39cccc.
olive	Default: #3d9970.
green	Default: #28a745. This color is used for success status.
lime	Default: #01ff70.
orange	Default: #ff851b.
yellow	Default: #ffc107. This color is used for warning status.
fuchsia	Default: #f012be.
purple	Default: #605ca8.
maroon	Default: #d81b60.
red	Default: #dc3545. This color is used for danger status.
black	Default: #111.
gray_x_light	Default: #d2d6de.
gray_600	Default: #6c757d. This color is used for secondary status.
gray_800	Default: #343a40. Color for dark skin.
gray_900	Default: #212529. Color for text in body.
white	Default: #ffffff.

Value

a list that can be used in [create_theme](#).

Examples

```

# Change colors used in bs4Dash
bs4dash_color(
  blue = "#F7FE2E",
  lightblue = "#01DF3A"
)

if (interactive()) {

  library(shiny)
  library(bs4Dash)

  ui <- bs4DashPage(
    title = "bs4Dash Custom Colors",
    # sidebar_collapsed = FALSE,
    navbar = bs4DashNavbar(),
    sidebar = bs4DashSidebar(
      title = "bs4Dash Custom Colors",
      skin = "light",
      bs4SidebarMenu(
        bs4SidebarMenuItem(
          tabName = "tab1",
          text = "UI components"
        )
      )
    ),
    body = bs4DashBody(

      use_theme(create_theme(
        bs4dash_color(
          blue = "#F7FE2E",
          navy = "#01DF3A"
        )
      )),

      bs4TabItems(
        bs4TabItem(
          tabName = "tab1",
          tags$h2("UI components", class = "bg-navy"),
          tags$h4("bs4ValueBox"),
          fluidRow(
            bs4ValueBox(
              value = 150,
              subtitle = "ValueBox with primary status",
              status = "primary",
              icon = "shopping-cart",
              href = "#",
              width = 4
            )
          ),
          tags$h4("bs4Card"),
          fluidRow(

```

```
        bs4Card(  
          title = "Card with primary status",  
          closable = FALSE,  
          width = 6,  
          solidHeader = TRUE,  
          status = "primary",  
          collapsible = TRUE,  
          p("Box Content")  
        )  
      )  
    )  
  )  
)  
  
server <- function(input, output) {  
  
}  
  
shinyApp(ui, server)  
}
```

bs4dash_font

bs4Dash fonts parameters

Description

bs4Dash fonts parameters

Usage

```
bs4dash_font(  
  size_base = NULL,  
  size_lg = NULL,  
  size_sm = NULL,  
  size_xs = NULL,  
  size_xl = NULL,  
  weight_light = NULL,  
  weight_normal = NULL,  
  weight_bold = NULL,  
  family_sans_serif = NULL,  
  family_monospace = NULL,  
  family_base = NULL  
)
```

Arguments

size_base	Base size, this size is used to calculate other size. Must in rem unit.
size_lg	Large size.
size_sm	Small size.
size_xs	Extra small size.
size_xl	Extra large size.
weight_light	Light font weight.
weight_normal	Normal font weight.
weight_bold	Bold font weight.
family_sans_serif	Sans serif font family.
family_monospace	Monospace font family.
family_base	Base font family.

Value

a list that can be used in [create_theme](#).

Examples

```
# Change font size used in bs4Dash
bs4dash_font(
  size_base = "1.5rem",
  weight_bold = 900
)

if (interactive()) {

  library(shiny)
  library(bs4Dash)

  ui <- bs4DashPage(
    title = "bs4Dash Custom Colors",
    navbar = bs4DashNavbar(),
    sidebar = bs4DashSidebar(
      title = "bs4Dash Custom Colors",
      skin = "light",
      bs4SidebarMenu(
        bs4SidebarMenuItem(
          tabName = "tab1",
          text = "UI components"
        )
      )
    ),
    body = bs4DashBody(

      use_theme(create_theme(
```

```

    bs4dash_font(
      size_base = "1.5rem",
      weight_bold = 900
    )
  )),

  bs4TabItems(
    bs4TabItem(
      tabName = "tab1",
      tags$div(
        tags$p(
          paste(letters, collapse = "")
        ),
        tags$p(
          style = "font-weight: bold;",
          paste(letters, collapse = "")
        ),
        tags$p(
          style = "font-style: italic;",
          paste(letters, collapse = "")
        )
      ),
      tags$h1("First level title"),
      tags$h2("Second level title"),
      tags$h3("Third level title"),
      tags$h4("Fourth level title"),
      tags$h5("Fifth level title"),
      tags$h6("Sixth level title")
    )
  )
)
)
)

server <- function(input, output) {

}

shinyApp(ui, server)

}

```

 bs4dash_layout

bs4Dash layout options

Description

bs4Dash layout options

Usage

```
bs4dash_layout(  
    font_size_root = NULL,  
    sidebar_width = NULL,  
    sidebar_padding_x = NULL,  
    sidebar_padding_y = NULL,  
    sidebar_mini_width = NULL,  
    control_sidebar_width = NULL,  
    boxed_layout_max_width = NULL,  
    screen_header_collapse = NULL,  
    main_bg = NULL,  
    content_padding_x = NULL,  
    content_padding_y = NULL  
)
```

Arguments

`font_size_root` Font size root.

`sidebar_width` Sidebar width.

`sidebar_padding_x`
Sidebar horizontal padding.

`sidebar_padding_y`
Sidebar vertical padding.

`sidebar_mini_width`
Width for mini sidebar.

`control_sidebar_width`
Control sidebar width (the one on the right).

`boxed_layout_max_width`
Max width used in boxed layout.

`screen_header_collapse`
When to show the smaller logo.

`main_bg` Main background color.

`content_padding_x`
Main content horizontal padding.

`content_padding_y`
Main content vertical padding.

Value

a list that can be used in [create_theme](#).

Examples

```
# Sidebar width  
bs4dash_layout(  
    sidebar_width = "400px"  
)
```

```
if (interactive()) {  
  
  library(shiny)  
  library(bs4Dash)  
  
  ui <- bs4DashPage(  
    title = "bs4Dash big sidebar",  
    navbar = bs4DashNavbar(),  
    sidebar = bs4DashSidebar(  
      title = "bs4Dash big sidebar",  
      skin = "light",  
      bs4SidebarMenu(  
        bs4SidebarMenuItem(  
          tabName = "tab1",  
          text = "UI components"  
        )  
      )  
    ),  
    body = bs4DashBody(  
  
      use_theme(create_theme(  
        bs4dash_layout(  
          sidebar_width = "600px"  
        )  
      )),  
  
      bs4TabItems(  
        bs4TabItem(  
          tabName = "tab1",  
          "Content tab 1"  
        )  
      )  
    )  
  )  
  
  server <- function(input, output) {  
  
  }  
  
  shinyApp(ui, server)  
  
}
```

bs4dash_status

bs4Dash status colors

Description

bs4Dash status colors

Usage

```
bs4dash_status(  
  primary = NULL,  
  secondary = NULL,  
  success = NULL,  
  info = NULL,  
  warning = NULL,  
  danger = NULL,  
  light = NULL,  
  dark = NULL  
)
```

Arguments

primary	Default: #0073b7.
secondary	Default: #6c757d.
success	Default: #28a745.
info	Default: #17a2b8.
warning	Default: #ffc107.
danger	Default: #dc3545.
light	Default: #f8f9fa.
dark	Default: #343a40.

Value

a list that can be used in [create_theme](#).

Examples

```
# Change colors used in bs4Dash  
bs4dash_status(  
  primary = "#F7FE2E",  
  secondary = "#01DF3A"  
)  
  
if (interactive()) {  
  
  library(shiny)  
  library(bs4Dash)  
  
  ui <- bs4DashPage(  
    title = "bs4Dash Custom Status",  
    # sidebar_collapsed = FALSE,  
    navbar = bs4DashNavbar(),  
    sidebar = bs4DashSidebar(  
      title = "bs4Dash Custom Status",  
      skin = "light",  
      bs4SidebarMenu(  

```

```

    bs4SidebarMenuItem(
      tabName = "tab1",
      text = "UI components"
    )
  )
),
body = bs4DashBody(

  use_theme(create_theme(
    bs4dash_status(
      primary = "#F7FE2E",
      secondary = "#01DF3A"
    )
  )),

  bs4TabItems(
    bs4TabItem(
      tabName = "tab1",
      tags$h2("UI components"),
      tags$h4("bs4ValueBox"),
      fluidRow(
        bs4ValueBox(
          value = 150,
          subtitle = "ValueBox with primary status",
          status = "primary",
          icon = "shopping-cart",
          href = "#",
          width = 4
        ),
        bs4ValueBox(
          value = 150,
          subtitle = "ValueBox with secondary status",
          status = "secondary",
          icon = "shopping-cart",
          href = "#",
          width = 4
        )
      ),
      tags$h4("bs4Card"),
      fluidRow(
        bs4Card(
          title = "Card with primary status",
          closable = FALSE,
          width = 6,
          solidHeader = TRUE,
          status = "primary",
          collapsible = TRUE,
          p("Box Content")
        ),
        bs4Card(
          title = "Card with secondary status",
          closable = FALSE,
          width = 6,

```

```

        solidHeader = TRUE,
        status = "secondary",
        collapsible = TRUE,
        p("Box Content")
      )
    )
  )
)
)

server <- function(input, output) {

}

shinyApp(ui, server)

}

```

bs4Dash_theme

Create a theme for bs4Dash

Description

Create a theme for bs4Dash

Usage

```

bs4Dash_theme(
  primary = NULL,
  secondary = NULL,
  success = NULL,
  info = NULL,
  warning = NULL,
  danger = NULL,
  ...
)

```

Arguments

primary	A color to be used for hyperlinks, to indicate primary/default actions, and to show active selection state in some Bootstrap components. Generally a bold, saturated color that contrasts with the theme's base colors.
secondary	A color for components and messages that don't need to stand out. (Not supported in Bootstrap 3.)
success	A color for messages that indicate an operation has succeeded. Typically green.
info	A color for messages that are informative but not critical. Typically a shade of blue-green.

warning	A color for warning messages. Typically yellow.
danger	A color for errors. Typically red.
...	Additional AdminLTE variables.

Value

Returns a `sass::sass_bundle()` (list-like) object.

Examples

```
library(shiny)
library(bs4Dash)
library(fresh)

ui <- dashboardPage(
  options = NULL,
  header = dashboardHeader(
    status = "primary",
    title = dashboardBrand(
      title = "My dashboard",
      color = "primary",
      href = "https://adminlte.io/themes/v3",
      image = "https://adminlte.io/themes/v3/dist/img/AdminLTELogo.png"
    )
  ),
  sidebar = dashboardSidebar(
    sidebarMenu(
      menuItem(
        text = "Tab 1",
        tabName = "tab1",
        icon = icon("van-shuttle")
      ),
      menuItem(
        text = "Tab 2",
        tabName = "tab2",
        icon = icon("shuttle-space")
      )
    )
  ),
  body = dashboardBody(
    use_theme(
      bs4Dash_theme(
        primary = "purple",
        success = "yellow",
        danger = "pink",
        "sidebar-light-bg" = "#C38AFF",
        "main-bg" = "#D9BBFF"
      )
    ),
    box(status = "danger", solidHeader = TRUE, title = "Title", "Content"),
    box(status = "primary", solidHeader = TRUE, title = "Title", "Content"),
```

```
    box(status = "success", solidHeader = TRUE, title = "Title", "Content")
  ),
  controlbar = dashboardControlbar(),
  title = "DashboardPage"
)

if (interactive()) {
  shinyApp(
    ui = ui,
    server = function(...) {}
  )
}
```

bs4dash_vars

bs4dash custom variables

Description

Use any AdminLTE or Bootstrap variables to customize a {bs4Dash} theme.

Usage

```
bs4dash_vars(...)
```

Arguments

... Variables to use, under the form `body_bg = "#FFF"` or `"body-bg" = "#FFF"`.

Value

a list that can be used in [create_theme](#).

Note

For a full list of available variables, use [search_vars_bs4dash](#).

Examples

```
bs4dash_vars(body_bg = "#FFF")
```

```
bs4dash_vars("body-bg" = "#FFF")
```

 bs4dash_yiq

bs4Dash color contrast

Description

These variables allow to customize color used if contrast between a color and its background is under threshold. For example, it's used to choose text color written in `bs4ValueBox` with background defined by a status.

Usage

```
bs4dash_yiq(contrasted_threshold = NULL, text_dark = NULL, text_light = NULL)
```

Arguments

<code>contrasted_threshold</code>	The yiq lightness value that determines when the lightness of color changes from "dark" to "light". Acceptable values are between 0 and 255.
<code>text_dark</code>	Dark text color.
<code>text_light</code>	Light text color.

Value

a list that can be used in [create_theme](#).

Examples

```
# Contrast colors
bs4dash_yiq(
  contrasted_threshold = 150,
  text_dark = "#007bff", # blue
  text_light = "#dc3545" # red
)

if (interactive()) {

  library(shiny)
  library(bs4Dash)

  ui <- bs4DashPage(
    title = "bs4Dash Contrast",
    navbar = bs4DashNavbar(),
    sidebar = bs4DashSidebar(),
    body = bs4DashBody(

      use_theme(create_theme(
        bs4dash_yiq(
          contrasted_threshold = 180,
          text_dark = "#000",
```



```
      text_light = "#dc3545"
    )
  )),

  fluidRow(
    bs4ValueBox(
      value = 120,
      subtitle = "ValueBox with primary status",
      status = "primary",
      icon = "shopping-cart",
      href = "#",
      width = 4
    ),
    bs4ValueBox(
      value = 150,
      subtitle = "ValueBox with danger status",
      status = "danger",
      icon = "shopping-cart",
      href = "#",
      width = 4
    )
  )
)
)

server <- function(input, output) {

}

shinyApp(ui, server)

}
```

bs_vars_file

Bootstrap variables from a file

Description

Bootstrap variables from a file

Usage

```
bs_vars_file(input_file)
```

Arguments

input_file Path to SCSS file containing variables to use for creating a theme.

Value

a list that can be used in [create_theme](#).

Examples

```
my_vars <- file.path(tempdir(), "custom-vars.scss")
my_theme <- file.path(tempdir(), "theme.css")

# Open template and edit variables
use_vars_template(
  output_file = my_vars,
  theme = "flatly"
)

# Create new theme based on the modified template
create_theme(
  theme = "flatly",
  bs_vars_file(input_file = my_vars),
  output_file = my_theme
)

# Clean up
unlink(my_vars)
unlink(my_theme)
```

create_pretty

Create a custom CSS file for pretty-checkbox

Description

This allow you to change colors of [prettyCheckbox](#), [prettyRadioButtons](#)

Usage

```
create_pretty(
  output_file,
  default = NULL,
  primary = NULL,
  success = NULL,
  info = NULL,
  warning = NULL,
  danger = NULL
)
```

Arguments

output_file	Specifies path to output file for compiled CSS.
default	Default color.
primary	Primary color.
success	Success color.

info	Info color.
warning	Warning color.
danger	Danger color.

Value

If `output_file = NULL`, the function returns a string value of the compiled CSS. If the output path is specified, the compiled CSS is written to that file and `invisible()` is returned.

Examples

```
# Temporary file
tmp <- file.path(tempdir(), "my-pretty.css")

# Create the new theme
create_pretty(
  output_file = tmp,
  primary = "#FFFF00"
)

# Clean
unlink(tmp)
```

create_theme *Create a custom Bootstrap theme*

Description

Allow to customize some CSS variables from Bootstrap themes to be included in Shiny applications.

Usage

```
create_theme(
  ...,
  theme = c("default", "cerulean", "cosmo", "cyborg", "darkly", "flatly", "journal",
    "lumen", "paper", "readable", "sandstone", "simplex", "slate", "spacelab",
    "superhero", "united", "yeti"),
  output_file = NULL,
  include_assets = FALSE
)
```

Arguments

...	Lists of CSS variables declared with <code>bs_vars_*</code> or <code>adminlte_*</code> functions.
theme	Base theme to use.
output_file	Specifies path to output file for compiled CSS.
include_assets	Logical. Only use if <code>output_file</code> is not <code>NULL</code> , it will copy fonts file used in Bootstrap and Bootswatch themes. Note that output path will be modified to add an intermediate directory "stylesheets" where the CSS file will be located.

Value

If `output_file = NULL`, the function returns a string value of the compiled CSS. If the output path is specified, the compiled CSS is written to that file and `invisible()` is returned.

Examples

```
# using a temporary file but use the path you want
tmp <- file.path(tempdir(), "custom-theme.css")

# Create the new theme
create_theme(
  theme = "default",
  bs_vars_color(
    brand_primary = "#75b8d1",
    brand_success = "#c9d175",
    brand_info = "#758bd1",
    brand_warning = "#d1ab75",
    brand_danger = "#d175b8"
  ),
  bs_vars_navbar(
    default_bg = "#75b8d1",
    default_color = "#FFFFFF",
    default_link_color = "#FFFFFF",
    default_link_active_color = "#FFFFFF"
  ),
  output_file = tmp
)

# Use the file created at the path provided
# in your Shiny app by moving it in the
# www/ folder, then use it in UI

library(shiny)
fluidPage(
  theme = "custom-theme.css"
)

# clean up
unlink(tmp)
```

fresh

Fresh 'Shiny' Themes

Description

Customize 'Bootstrap' and 'Bootswatch' themes, like colors, fonts, grid layout, to use in 'Shiny' applications.

Author(s)

Victor Perrier & Fanny Meyer (@dreamRs_fr)

See Also

Useful links:

- <https://github.com/dreamRs/fresh>
- Report bugs at <https://github.com/dreamRs/fresh/issues>

search_vars	<i>Search variables in a .scss file</i>
-------------	---

Description

Search variables in a .scss file

Usage

```
search_vars(file)
```

Arguments

file File path in which to search for variables.

Value

A data.frame with 2 columns: "variable" and "value".

Examples

```
# Create a scss file with some variables
tmp_scss_file <- tempfile(fileext = ".scss")
writeLines("//Some variables\n $color: red;\n $body-bg: #FFF;", tmp_scss_file)

# Search for variables
search_vars(tmp_scss_file)

# Clean up
unlink(tmp_scss_file)
```

search_vars_adminlte2 *Search AdminLTE 2 shinydashboard variables*

Description

Search AdminLTE 2 shinydashboard variables

Usage

```
search_vars_adminlte2(pattern = NULL)
```

Arguments

pattern A pattern to filter the results.

Value

a data.frame with two columns:

- variable : name of the variable.
- value default value used.

Examples

```
# All AdminLTE2 variables
search_vars_adminlte2()

# Only sidebar related variables
search_vars_adminlte2(pattern = "sidebar")
```

search_vars_bs *Search Bootstrap variables*

Description

Search Bootstrap variables

Usage

```
search_vars_bs(
  pattern = NULL,
  theme = c("default", "cerulean", "cosmo", "cyborg", "darkly", "flatly", "journal",
            "lumen", "paper", "readable", "sandstone", "simplex", "slate", "spacelab",
            "superhero", "united", "yeti")
)
```

Arguments

pattern	A pattern to filter the results.
theme	Name of the theme for which to search the variables.

Value

a data.frame with two columns:

- variable : name of the variable.
- value default value used.

Examples

```
# List default variables for Bootstrap 3
search_vars_bs()

# Variables for flatly theme
search_vars_bs("flatly")
```

search_vars_bs4dash *Search bs4Dash variables*

Description

Search bs4Dash variables

Usage

```
search_vars_bs4dash(pattern = NULL, source = c("adminlte", "bootstrap"))
```

Arguments

pattern	A pattern to filter the results.
source	Search variables in AdminLTE or Bootstrap or both.

Value

a data.frame with three columns:

- source : AdminLTE or Bootstrap variable.
- variable : name of the variable.
- value default value used.

Examples

```
# Retrieve all variables
all_vars <- search_vars_bs4dash()
head(all_vars, 20)

# Search for a pattern
head(search_vars_bs4dash("navbar"))
```

use_googlefont

Use online Google font in Shiny application

Description

Use online Google font in Shiny application

Usage

```
use_googlefont(family)
```

Arguments

family Name of the family to use, see <https://fonts.google.com>.

Value

a HTML tag to be included in a UI definition

Examples

```
if (interactive()) {
  library(shiny)
  library(fresh)

  ui <- fluidPage(

    use_googlefont("Saira Stencil One"),
    use_theme(create_theme(
      theme = "default",
      bs_vars_font(
        family_sans_serif = "'Saira Stencil One', cursive"
      )
    )),

    tags$h1("Use a google font (online demo)"),
    fluidRow(
      column(
        width = 6,
        tags$h2("Second level title"),
        tags$h3("Third level title"),
```



```

tags$h4("Fourth level title"),
tags$h5("Fifth level title"),
tags$h6("Sixth level title"),
tags$b("Bold text"),
tags$p(
  "Lorem ipsum dolor sit amet, consectetur adipiscing elit,",
  " sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.",
  "Ut enim ad minim veniam, quis nostrud exercitation ullamco",
  " laboris nisi ut aliquip ex ea commodo consequat.",
  "Duis aute irure dolor in reprehenderit in voluptate velit",
  " esse cillum dolore eu fugiat nulla pariatur.",
  "Excepteur sint occaecat cupidatat non proident, sunt in",
  " culpa qui officia deserunt mollit anim id est laborum."
)
),
column(
  width = 6,
  textInput("caption", "Caption", "Data Summary"),
  actionButton("goButton", "Go!"),
  checkboxGroupInput("variable", "Variables to show:",
    c("Cylinders" = "cyl",
      "Transmission" = "am",
      "Gears" = "gear")),
  selectInput("variable", "Variable:",
    c("Cylinders" = "cyl",
      "Transmission" = "am",
      "Gears" = "gear"))
)
)
)

server <- function(input, output, session) {

}

shinyApp(ui, server)
}

```

use_pretty

Use pretty-checkbox CSS in Shiny

Description

After created new pretty-checkbox CSS with `create_pretty`, allow to use in Shiny application instead of default shinyWidgets dependency.

Usage

```
use_pretty(path)
```

Arguments

path Path to the file created with `create_pretty`, the file must be in `www/` directory of the application.

use_theme *Use a CSS theme in Shiny application*

Description

Use a CSS theme in Shiny application

Usage

```
use_theme(theme)
```

Arguments

theme Either a path to CSS file (if in `www/` folder, do not include `www/` in path), or a theme generated with `create_theme()` and argument `output_file = NULL` or `bs4Dash_theme()`.

Value

HTML tags to be included in a UI definition.

Examples

```
if (interactive()) {
  library(shiny)
  library(fresh)

  ui <- fluidPage(
    use_theme(create_theme(
      theme = "default",
      bs_vars_global(
        body_bg = "#000",
        text_color = "#FFF"
      ),
      bs_vars_wells(
        bg = "#2E2E2E"
      )
    )),
    tags$h1("Inversed color theme"),

    sidebarLayout(
      sidebarPanel(
        "This is the sidebar panel"
      ),
      mainPanel(
```

```

    tags$h1("First level title"),
    tags$h2("Second level title"),
    tags$h3("Third level title"),
    tags$h4("Fourth level title"),
    tags$h5("Fifth level title"),
    tags$h6("Sixth level title")
  )
)
)

server <- function(input, output, session) {

}

shinyApp(ui, server)
}

```

use_vars_template	<i>Use a template to define SCSS variables</i>
-------------------	--

Description

Open a SCSS template to modify variables, after use [bs_vars_file](#) to import those variables and create a theme.

Usage

```

use_vars_template(
  output_file,
  theme = c("default", "cerulean", "cosmo", "cyborg", "darkly", "flatly", "journal",
    "lumen", "paper", "readable", "sandstone", "simplex", "slate", "spacelab",
    "superhero", "united", "yeti"),
  open = interactive()
)

```

Arguments

output_file	Path where to create the template, use ".scss" as file extension.
theme	Base theme to use, e.g. "cosmo" to start modifying the cosmo theme.
open	Open the newly created file for editing? Happens in RStudio, if applicable, or via <code>utils::file.edit()</code> otherwise.

Note

After use [bs_vars_file](#) to use the template.

Examples

```
# For example, we use a temporary file
custom <- tempfile(fileext = ".scss")

# this will open a template
# to modify variables of the flatly theme
use_vars_template(
  output_file = custom,
  theme = "flatly"
)

# after use bs_vars_file() to use the template

# clean up
unlink(custom)
```

Index

adminlte_color, 2
adminlte_global, 5
adminlte_sidebar, 6
adminlte_vars, 8

bs-theme-nord, 9
bs3-variables, 12
bs4Dash-sidebar, 23
bs4dash_button, 26
bs4dash_color, 27
bs4dash_font, 30
bs4dash_layout, 32
bs4dash_sidebar_dark (bs4Dash-sidebar), 23
bs4dash_sidebar_light (bs4Dash-sidebar), 23
bs4dash_status, 34
bs4Dash_theme, 37
bs4Dash_theme(), 50
bs4dash_vars, 39
bs4dash_yiq, 40
bs_theme_nord_dark (bs-theme-nord), 9
bs_theme_nord_light (bs-theme-nord), 9
bs_vars (bs3-variables), 12
bs_vars_alert (bs3-variables), 12
bs_vars_badge (bs3-variables), 12
bs_vars_button (bs3-variables), 12
bs_vars_color (bs3-variables), 12
bs_vars_component (bs3-variables), 12
bs_vars_dropdown (bs3-variables), 12
bs_vars_file, 41, 51
bs_vars_font (bs3-variables), 12
bs_vars_global (bs3-variables), 12
bs_vars_input (bs3-variables), 12
bs_vars_modal (bs3-variables), 12
bs_vars_nav (bs3-variables), 12
bs_vars_navbar (bs3-variables), 12
bs_vars_panel (bs3-variables), 12
bs_vars_pills (bs3-variables), 12
bs_vars_progress (bs3-variables), 12
bs_vars_state (bs3-variables), 12
bs_vars_table (bs3-variables), 12
bs_vars_tabs (bs3-variables), 12
bs_vars_wells (bs3-variables), 12
bslib::bs_theme(), 9

create_pretty, 42, 49, 50
create_theme, 3, 5, 7, 8, 24, 26, 28, 31, 33, 35, 39–41, 43
create_theme(), 23, 50

fresh, 44
fresh-package (fresh), 44

prettyCheckbox, 42
prettyRadioButtons, 42

sass::sass_bundle(), 9, 38
search_vars, 45
search_vars_adminlte2, 8, 46
search_vars_bs, 46
search_vars_bs(), 23
search_vars_bs4dash, 39, 47
shiny::fluidRow(shiny::column(...)), 18

use_googlefont, 48
use_pretty, 49
use_theme, 50
use_vars_template, 51