Package 'tgamtheme'

October 14, 2022

Type Package

Title Globe and Mail Graphics Theme for 'ggplot2'

Version 0.1.0

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Description

Theme and colour palettes for The Globe and Mail's graphics. Includes colour and fill scale functions, colour palette helpers and a Globe-styled 'ggplot2' theme object.

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Encoding UTF-8

LazyData true

Depends R (>= 3.5.0)

Imports grDevices, ggplot2

Language en-US

URL https://github.com/globeandmail/tgamtheme,
https://globeandmail.github.io/tgamtheme/

BugReports https://github.com/globeandmail/tgamtheme/issues

RoxygenNote 7.1.1

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

Date/Publication 2021-02-05 09:40:08 UTC

R topics documented:

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scale_color_tgam   *Color scale constructor for The Globe and Mail's colors*

Description

Color scale constructor for The Globe and Mail's colors

Usage

```
scale_color_tgam(palette = "main", discrete = TRUE, reverse = FALSE, ...)

scale_colour_tgam(palette = "main", discrete = TRUE, reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in tgam_palettes. Currently, one of 'main' or 'alternate'.
discrete	Boolean indicating whether color aesthetic is discrete or not
reverse	Boolean indicating whether the palette should be reversed
...	Additional arguments passed to discrete_scale() or scale_color_gradientn(), used respectively when discrete is TRUE or FALSE

Value

A ggplot2 colour scale object, to be passed to a ggplot2 object

Examples

```
library(ggplot2)
ggplot(diamonds, aes(depth, color = cut)) +
  geom_density() +
  xlim(55, 70) +
  scale_color_tgam()
```

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scale_fill_tgam *Fill scale constructor for The Globe and Mail's colors*

Description

Fill scale constructor for The Globe and Mail's colors

Usage

```
scale_fill_tgam(palette = "main", discrete = TRUE, reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in tgam_palettes. Currently, one of 'main' or 'alternate'.
discrete	Boolean indicating whether color aesthetic is discrete or not
reverse	Boolean indicating whether the palette should be reversed
...	Additional arguments passed to discrete_scale() or scale_fill_gradientn(), used respectively when discrete is TRUE or FALSE

Value

A ggplot2 colour scale object, to be passed to a ggplot2 object

Examples

```
library(ggplot2)
ggplot(diamonds, aes(carat, fill = cut)) +
  geom_density(position = 'fill') +
  scale_fill_tgam()
```

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tgam_cols *Function to extract The Globe and Mail's colors as hex codes*

Description

Function to extract The Globe and Mail's colors as hex codes

Usage

```
tgam_cols(...)
```

Arguments

`...`	Character names of tgam_colors. Colour names include 'burgundy', 'sky', 'salmon', 'gold', 'gray', 'alt1', 'alt2', 'alt3', 'alt4', 'alt5'.

Value

A character vector of one or more colours in The Globe's palette

Examples

```
tgam_cols()
tgam_cols('burgundy')
```

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tgam_pal	*Return function to interpolate a Globe and Mail color palette*

Description

Return function to interpolate a Globe and Mail color palette

Usage

```
tgam_pal(palette = "main", reverse = FALSE, ...)
```

Arguments

`palette`	Character name of palette in tgam_palettes. Currently, one of 'main' or 'alternate'.
`reverse`	Boolean indicating whether the palette should be reversed
`...`	Additional arguments to pass to colorRampPalette()

Value

A character vector of interpolated colour values

Examples

```
tgam_pal()(3)
tgam_pal(palette = 'alternate')(3)
```

theme_tgam	*ggplot Globe and Mail theme*

Description

Theme function to be passed as an argument during ggplot2 charting.

Usage

```
theme_tgam(
  size = 12,
  family = "GMsanC-Regular",
  title = "GMsanC-Bold",
  position = "center"
)
```

Arguments

size	Base font size
family	Font family
title	Font to use for title text
position	How should headings be positioned? Options are 'center' or 'left'. (Default: 'center',)

Value

A ggplot2 theme object, to be passed to a ggplot2 object

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