

Package: NHSRtheme (via r-universe)

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Type Package

Title NHS R Theme

Version 0.1.0

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Description Provides theme's based on the
[https://www.england.nhs.uk/nhsidentity/](NHS Identity).

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LazyData true

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(>= 1.0.0), xaringan (>= 0.17.0)

Suggests roxygen2 (>= 7.1.1), testthat (>= 0.4.1), usethis (>= 1.4.0),
devtools (>= 2.0.1), rmarkdown (>= 2.5.0), mockery (>= 0.4.2),
knitr, tidyverse, NHSRdatasets

VignetteBuilder knitr

Repository https://nhs-r-community.r-universe.dev

RemoteUrl https://github.com/nhs-r-community/NHSRtheme

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get_nhs_colours	<i>Get's the NHS identity colours</i>
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Description

This function gets the colours as defined by the [NHS Identity](#)

Usage

```
get_nhs_colours(..., section = NULL)
```

Arguments

...	optional names of the colours to return
section	optional, name of the colour sections to use

Value

named vector of hexadecimal strings of colours

Examples

```
get_nhs_colours()
get_nhs_colours("Blue")
get_nhs_colours("Blue", "Red")
get_nhs_colours(section = "blues")
```

get_nhs_colour_tints	<i>Get's tints of the NHS identity colours</i>
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Description

This function returns tints of the NHS identity colours

Usage

```
get_nhs_colour_tints(tints, ..., section = NULL)
```

Arguments

tints a vector of numbers between 0 and 1 for the percentage colour tint to use
 ... optional names of the colours to return
 section optional, name of the colour sections to use

Value

named vector of hexadecimal strings of colours

Examples

```
get_nhs_colour_tints(seq(0.0,0.8,0.2))
get_nhs_colour_tints(seq(0.0,0.8,0.2), "Blue", "Red")
get_nhs_colour_tints(seq(0.0,0.8,0.2), section = "blues")
```

get_nhs_palette	<i>Return function to interpolate an Nhs theme colour palette</i>
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Description

Return function to interpolate an Nhs theme colour palette

Usage

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

Arguments

palette Character name of section in Nhs theme
 reverse Boolean indicating whether the palette should be reversed
 ... Additional arguments to pass to colorRampPalette()

NHSRtheme	NHSRtheme <i>package</i>
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Description

NHS Theme

Details

#' See the README on <https://github.com/tomjemmet/NHSRtheme/>

scale_colour_nhs *Color scale constructor for NHS theme colours*

Description

Color scale constructor for NHS theme colours

Usage

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

Arguments

palette	Character name of palette in NHS theme
discrete	Boolean indicating whether colour aesthetic is discrete or not
reverse	Boolean indicating whether the palette should be reversed
...	Additional arguments passed to discrete_scale() or scale_colour_gradientn(), used respectively when discrete is TRUE or FALSE

scale_fill_nhs *Fill scale constructor for NHS theme colours*

Description

Fill scale constructor for NHS theme colours

Usage

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

Arguments

palette	Character name of palette in NHS theme
discrete	Boolean indicating whether colour 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

`show_nhs_theme_colours`*Show's the NHS identity colours*

Description

This function shows the available colours in the NHS theme, as defined by the [NHS Identity](#)

Usage

```
show_nhs_theme_colours()
```

Value

named vector of hexadecimal strings of colours

Examples

```
show_nhs_theme_colours()
```

`show_nhs_theme_colour_tints`*Show's the NHS identity colours*

Description

This function shows the tints of a colour from the Nhs Theme

Usage

```
show_nhs_theme_colour_tints(tints, colour)
```

Arguments

<code>tints</code>	a vector of numbers between 0 and 1 that represents the percentage tints required
<code>colour</code>	the name of the colour to show tints of

Value

named vector of hexadecimal strings of colours

Examples

```
show_nhs_theme_colour_tints(seq(0,1,0.1), "Blue")
```

`theme_nhs`*Add NHS theme to ggplot chart*

Description

This adds a theme to your chart to follow the **NHS Identity**

Usage

```
theme_nhs()
```

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