

# Package: StrategyUnitTheme (via r-universe)

May 12, 2026

**Type** Package

**Title** Strategy Unit Theme

**Version** 0.1.7

**Maintainer** Tom Jemmett <thomas.jemmett@nhs.net>

**Description** This package provides ggplot2 themes and colour palettes for use by The Strategy Unit.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 7.1.1

**Imports** ggplot2 (>= 3.2.1), rmarkdown (>= 2.1), xaringan (>= 0.14)

**Suggests** covr (>= 3.3.2), dplyr (>= 0.8.3), forcats (>= 0.4.0), knitr (>= 1.25), mockery (>= 0.4.2), roxygen2 (>= 6.1.1), testthat (>= 2.1.0), tibble (>= 2.1.3), usethis (>= 1.5.1)

**VignetteBuilder** knitr

**Config/pak/sysreqs** cmake make libuv1-dev zlib1g-dev

**Repository** <https://the-strategy-unit.r-universe.dev>

**Date/Publication** 2023-06-12 08:39:35 UTC

**RemoteUrl** <https://github.com/The-Strategy-Unit/StrategyUnitTheme>

**RemoteRef** HEAD

**RemoteSha** 09397568ef66d2cf757b677f34dbd9f7fd4b02de

## Contents

su_document . . . . .	2
su_presentation . . . . .	3
su_theme . . . . .	4
su_theme_cols . . . . .	4
su_theme_gradient_colour_scales . . . . .	5
su_theme_pal . . . . .	6

<b>Index</b>	<b>7</b>
--------------	----------

---

 su\_document

 Convert to an Strategy Unit Word document
 

---

## Description

Format for converting from R Markdown to a Strategy Unit branded MS Word document.

## Usage

```
su_document(
  use_numbered_headings = FALSE,
  toc = FALSE,
  toc_depth = 1,
  fig_caption = TRUE,
  df_print = "kable",
  highlight = "default",
  keep_md = FALSE,
  md_extensions = NULL,
  pandoc_args = NULL
)
```

## Arguments

use_numbered_headings	should we use numbered headings? Defaults to false
toc	TRUE to include a table of contents in the output
toc_depth	Depth of headers to include in table of contents
fig_caption	TRUE to render figures with captions
df_print	Method to be used for printing data frames. Valid values include "default", "kable", "tibble", and "paged". The "default" method uses a corresponding S3 method of print, typically print.data.frame. The "kable" method uses the <code>knitr::kable</code> function. The "tibble" method uses the <code>tibble</code> package to print a summary of the data frame. The "paged" method creates a paginated HTML table (note that this method is only valid for formats that produce HTML). In addition to the named methods you can also pass an arbitrary function to be used for printing data frames. You can disable the df_print behavior entirely by setting the option <code>rmarkdown.df_print</code> to FALSE. See <a href="#">Data frame printing section</a> in bookdown book for examples.
highlight	Syntax highlighting style. Supported styles include "default", "tango", "pygments", "kate", "monochrome", "espresso", "zenburn", and "haddock". Pass NULL to prevent syntax highlighting.
keep_md	Keep the markdown file generated by knitting.
md_extensions	Markdown extensions to be added or removed from the default definition or R Markdown. See the <a href="#">rmarkdown_format</a> for additional details.
pandoc_args	Additional command line options to pass to pandoc

**Details**

See the [online documentation](#) for additional details on using the word\_document format.

**Value**

R Markdown output format to pass to [render](#)

**Examples**

```
## Not run:
library(rmarkdown)

# simple invocation
render("input.Rmd", su_document())

## End(Not run)
```

---

su_presentation	<i>Convert to an Strategy Unit xaringan presentation</i>
-----------------	--

---

**Description**

Format for converting from R Markdown to a Strategy Unit branded xaringan presentation.

**Usage**

```
su_presentation(...)
```

**Arguments**

```
... additional arguments to pass to [xaringan::moon_reader()]
```

**Value**

R Markdown output format to pass to [render](#)

**Examples**

```
## Not run:
library(rmarkdown)

# simple invocation
render("input.Rmd", su_presentation())

## End(Not run)
```

---

su_theme	<i>Creates the Strategy Unit Theme for ggplot</i>
----------	---

---

### Description

Creates a base theme for ggplot objects. By default this uses a font that requires the [extrafont](#) package to be installed.

### Usage

```
su_theme(base_family = "Segoe UI")
```

### Arguments

base\_family      The font to use in this theme

### Examples

```
## Not run:
library(ggplot2)
library(StrategyUnitTheme)
ggplot(iris, aes(Sepal.Width, Sepal.Length, colour = Species)) +
  geom_point() +
  su_theme()

## End(Not run)
```

---

su_theme_cols	<i>Strategy Unit Theme Colours</i>
---------------	------------------------------------

---

### Description

This function returns the colours that are used in the Strategy Unit theme as a named vector of RGB values in hexadecimal form.

### Usage

```
su_theme_cols(
  ...,
  palette = c("NA", "main", "oranges", "charcoals", "slates", "reds", "blues")
)
```

### Arguments

...                individual colours that you wish to get the values of  
palette            a name of a palette to select the colours of

### Details

If no arguments are passed to the function, then all of the colours are returned. If only specific colours are required, then the names of the colours that are required can be passed as strings to the function, and only those colours will be returned.

If a "palette" is selected then no arguments should be passed to ...

Only one palette can be selected at a time.

### Value

a named vector of RGB colours in hexadecimal form

### Examples

```
# show all of the colours
su_theme_cols()
# or, just show some colours
su_theme_cols("orange", "red", "grey")
# or, select a single palette
su_theme_cols(palette = "slates")
```

---

su\_theme\_gradient\_colour\_scales

*Strategy Unit Theme Gradient colour Scale*

---

### Description

Generates a two colour gradient (low-high)

### Usage

```
scale_colour_su(
  palette = c("main", "oranges", "charcoals", "slates", "reds", "blues"),
  discrete = TRUE,
  reverse = FALSE,
  ...
)

scale_color_su(
  palette = c("main", "oranges", "charcoals", "slates", "reds", "blues"),
  discrete = TRUE,
  reverse = FALSE,
  ...
)

scale_fill_su(
  palette = c("main", "oranges", "charcoals", "slates", "reds", "blues"),
  discrete = TRUE,
```

```

    reverse = FALSE,
    ...
  )

```

### Arguments

palette	The name of palette to use
discrete	Optional: boolean to indicate that this scale is a discrete scale. Defaults to TRUE
reverse	Optional: boolean to reverse the direction of the scale. Defaults to FALSE
...	additional arguments passed to the ggplot functions

### Value

a scale object to be used with a ggplot object

---

su_theme_pal	<i>Strategy Unit Theme Palettes</i>
--------------	-------------------------------------

---

### Description

This function returns a palette generated by colorRampPalette from one of the Strategy Unit palettes

### Usage

```

su_theme_pal(
  palette = c("main", "oranges", "charcoals", "slates", "reds", "blues"),
  reverse = FALSE,
  ...
)

```

### Arguments

palette	The name of palette to use
reverse	Optional: boolean value to reverse the palette
...	arguments to pass to colorRamp

### Value

A colorRamp function

### Examples

```

su_theme_pal()
# or, specify a palette
su_theme_pal("oranges")
# a reverse palette
su_theme_pal("slates", TRUE)

```

# Index

extrafont, 4

knitr::kable, 2

render, 3

rmarkdown\_format, 2

scale\_color\_su

(su\_theme\_gradient\_colour\_scales),

5

scale\_colour\_su

(su\_theme\_gradient\_colour\_scales),

5

scale\_fill\_su

(su\_theme\_gradient\_colour\_scales),

5

su\_document, 2

su\_presentation, 3

su\_theme, 4

su\_theme\_cols, 4

su\_theme\_gradient\_colour\_scales, 5

su\_theme\_pal, 6