

Package ‘albersdown’

September 27, 2026

Type Package

Title Minimalist Theme and Vignette Kit for 'pkgdown' and R Markdown

Version 2.1.0

Description Provides a minimalist 'ggplot2' theme, colour scales, and 'pkgdown' template built around a curated colour palette system inspired by Josef Albers' colour theory (Albers (1963, ISBN:978-0-300-17935-4) ``Interaction of Color"). Includes helpers to apply consistent theming to 'ggplot2' plots, 'gt' tables, and 'bslib' Bootstrap 5 sites, along with one-command setup functions for adopting the style across an R package.

URL <https://github.com/bbuchtsbaum/albersdown>,
<https://bbuchtsbaum.github.io/albersdown/>

BugReports <https://github.com/bbuchtsbaum/albersdown/issues>

Depends R (>= 4.1)

Imports grDevices, graphics, grid, stats, utils, ggplot2

Suggests gt, bslib, usethis, yaml, cli, testthat, withr, viridisLite, knitr, rmarkdown, pkgdown, systemfonts, ragg

Encoding UTF-8

RoxygenNote 7.3.3

VignetteBuilder knitr

Config/Needs/website albersdown

License MIT + file LICENSE

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

Date/Publication 2026-09-27 21:10:02 UTC

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albers_bs_theme	<i>bs_theme for pkgdown (light/dark aware)</i>
-----------------	--

Description

Convenience wrapper exposing core variables; most consumers won't need this directly if they use
template: { package: albersdown }.

Usage

```
albers_bs_theme(
  family = "red",
  preset = c("homage", "interaction", "study", "structural", "adobe", "midnight"),
  accent = NULL,
  bg = NULL,
  fg = NULL
)
```

Arguments

family	Palette family name (default "red").
preset	Visual preset (default "homage"). See albers_presets() .
accent	Primary accent color (default A700 of the chosen family).
bg	Background color (default derived from preset).
fg	Foreground/text color (default derived from preset).

Value

A `bslib::bs_theme` object.

Examples

```
if (requireNamespace("bslib", quietly = TRUE)) {
  albers_bs_theme()
}
```

albers_discrete	<i>Discrete colours for a family</i>
-----------------	--------------------------------------

Description

The "contrast" set leads with the family's own tone and its interaction complement – the two colours of the title plate (red and gold for the red family) – then the complementary family (blue), the family at another lightness, the complementary family at another lightness, and a warm neutral. With `mode = "dark"` each slot keeps its hue (only its lightness changes), so a category keeps its colour when the page switches theme. Adjacent levels differ in hue, so a two-group comparison is always legible. The "family" set is the single-hue A900-A300 ramp.

Usage

```
albers_discrete(
  family = getOption("albersdown.family", "red"),
  type = c("contrast", "family"),
  mode = c("light", "dark")
)
```

Arguments

family	Palette family.
type	"contrast" (default) or "family".
mode	"light" (default) or "dark": lighter tones that hold up on the night ground (used for the dark twins of figures).

Value

Character vector of hex colours.

Examples

```
albers_discrete("red")
albers_discrete("teal", type = "family")
```

albers_palette	<i>Return four-tone Homage family by name</i>
----------------	---

Description

Return four-tone Homage family by name

Usage

```
albers_palette(family = c("red", "lapis", "ochre", "teal", "green", "violet"))
```

Arguments

family	One of "red", "lapis", "ochre", "teal".
--------	---

Value

Named character vector of four hex colors (A900, A700, A500, A300).

Examples

```
albers_palette("red")
albers_palette("lapis")
```

albers_palette_img	<i>Image-derived Homage palettes (A900 -> A300)</i>
--------------------	--

Description

Four-tone families distilled from the uploaded grid; order is darkest to lightest (A900, A700, A500, A300).

Usage

```
albers_palette_img(family = c("red", "lapis", "ochre", "teal", "green"))
```

Arguments

family	One of "red", "lapis", "ochre", "teal", "green"
--------	---

Value

Named character vector of four hex colors (A900, A700, A500, A300).

Examples

```
albers_palette_img("red")
```

albers_presets	<i>List available Albers directions</i>
----------------	---

Description

Returns the two 2.0 directions: "homage" (warm cream ground, serif body, light code) and "interaction" (cool grey ground, grotesk, dark code). The legacy presets "study", "structural", "adobe", and "midnight" are still accepted by [theme_albers\(\)](#) for backward compatibility but are no longer featured.

Usage

```
albers_presets()
```

Value

Character vector of direction names.

Examples

```
albers_presets()
```

albers_ramp	<i>Interpolate n colors along a palette family gradient</i>
-------------	---

Description

Uses [colorRampPalette](#) to interpolate between the four tones of a family (A900 → A300), producing an arbitrary number of evenly spaced colors.

Usage

```
albers_ramp(family = "red", n = 9, reverse = FALSE)
```

Arguments

family	Palette family name.
n	Number of colors to return.
reverse	If TRUE, return colors from light to dark.

Value

Character vector of n hex colors.

Examples

```
albers_ramp("lapis", n = 5)
```

albers_register_fonts	<i>Register the bundled Albers display fonts for R graphics</i>
-----------------------	---

Description

albersdown ships static TTF builds of Familjen Grotesk (the Homage display face) and Space Grotesk (the Interaction display face) so that ggplot2 plots can use the same typefaces as the rendered HTML pages. Call this once per session – for example in a vignette setup chunk – before [theme_albers\(\)](#). Once the fonts are registered, [theme_albers\(\)](#) picks the direction's display font automatically (Homage -> Familjen Grotesk, Interaction -> Space Grotesk).

Usage

```
albers_register_fonts()
```

Details

Requires the **systemfonts** package and a font-aware graphics device such as **ragg** (e.g. `knitr::opts_chunk$set(dev = "ragg_png")`). Without those, plots fall back to the system "sans" family, so package examples and CRAN checks never depend on the bundled fonts.

Value

Invisibly, a character vector of the font families that were registered (empty if **systemfonts** is unavailable or the files are missing).

Examples

```
# Registers the bundled display fonts for the current session. Plot with a
# font-aware device (e.g. ragg); the default pdf/postscript device cannot
# render registered fonts. Wrapped in \dontrun because it mutates the
# session-wide font registry.
## Not run:
albers_register_fonts()

## End(Not run)
```

albers_swatch

Visual swatch of Albers palette families and presets

Description

Draws a tile plot showing the four tones of each palette family, optionally faceted by preset ground colors. Useful for quickly previewing the design system in a notebook or presentation.

Usage

```
albers_swatch(
  families = c("red", "lapis", "ochre", "teal", "green", "violet"),
  show_presets = FALSE
)
```

Arguments

families	Character vector of families to show. Defaults to all six.
show_presets	If TRUE, add a row of preset ground colors below the palette tones. Defaults to FALSE.

Value

A ggplot object.

Examples

```
if (requireNamespace("ggplot2", quietly = TRUE)) {
  albers_swatch()
}
```

albers_vignette

*Albers vignette output format***Description**

A drop-in replacement for `rmarkdown::html_vignette()` that applies the albersdown theme with no files to copy into vignettes/. The stylesheet, the fonts for the chosen direction, and the page script are taken from the installed package and embedded in the self-contained HTML, so the result is CRAN-safe (no network requests).

Usage

```
albers_vignette(
  family = "red",
  preset = "homage",
  style = c("minimal", "balanced", "assertive"),
  toc = TRUE,
  toc_depth = 3,
  fig_width = 6.6,
  fig_height = 4.1,
  plot_theme = TRUE,
  dark_figures = TRUE,
  phone_figures = TRUE,
  math_method = "mathml",
  fonts = c("direction", "both"),
  css = NULL,
  includes = NULL,
  ...
)
```

Arguments

family	Accent family: one of "red", "lapis", "ochre", "teal", "green", "violet". While the vignette renders, the <code>albersdown.family</code> and <code>albersdown.preset</code> options are set, so <code>scale_color_albers()</code> , <code>scale_fill_albers()</code> and <code>theme_albers()</code> follow it without repeating the family.
preset	Direction: "homage" (warm, serif body) or "interaction" (cool, grotesk, dark code). Legacy presets are accepted.
style	Weight of the structural marks: "minimal" (default), "balanced" or "assertive".
toc, toc_depth	Table of contents, passed to <code>rmarkdown::html_vignette()</code> .
fig_width, fig_height	Default figure size in inches.
plot_theme	If TRUE, set <code>theme_albers()</code> (matching family and preset) as the <code>ggplot2</code> theme while the vignette renders.

dark_figures	If TRUE (and plot_theme is on), each auto-printed ggplot is also rendered with theme_albers(mode = "dark"); the page shows that version in dark mode instead of a light plot on a dark page. This adds one image per plot to the HTML. Plots in chunks with fig.show = "hold", "animate" or "hide" get no dark version and stay light in dark mode.
phone_figures	If TRUE, each plot (ggplot2, grid or base graphics) is also drawn at phone width (3.6 in, the same aspect ratio), so its text is legible in a phone's column; the page shows that drawing while the figure is displayed narrower than about 470 CSS px, in light and dark mode alike (the dark version is drawn when dark_figures is on). Printing and the enlarged view use the full figure. Figures narrower than 4.5 in, figures whose out.width is not a percentage, animations and non-PNG devices are left as they are.
math_method	How equations are rendered. The default "mathml" has pandoc write native MathML, which browsers display without any download, so vignettes with math stay offline. Use "mathjax" (fetched from a CDN when the page is read) for heavier TeX.
fonts	Which bundled typefaces to embed: "direction" (default) embeds only the chosen direction's faces; "both" embeds homage's and interaction's, for a page that previews both (about 130 KB more).
css	Additional stylesheets, applied after the theme.
includes	Additional <code>rmarkdown::includes()</code> ; combined with the theme's own head and body includes.
...	Further arguments passed to <code>rmarkdown::html_vignette()</code> .

Details

Use it in a vignette's YAML header:

```
output:
  albersdown::albers_vignette:
    family: teal
    preset: interaction
```

The format sets the page's family and direction before any content is drawn (no restyle on load), sets knitr defaults suited to the theme (collapse = TRUE, comment = "#>", retina figures at full column width, the ragg device when available), and, when plot_theme = TRUE and ggplot2 is installed, sets `theme_albers()` as the ggplot2 theme for the duration of the render.

`albers_vignette()` is new in albersdown 2.1.0. A package whose vignettes use it should declare albersdown (>= 2.1.0) in Suggests (as `use_albersdown()` writes). If building a vignette fails with 'albers_vignette' is not an exported object from 'namespace:albersdown', the albersdown installed is 2.0.0 or older: update it.

Value

An R Markdown output format.

Examples

```
## Not run:
rmarkdown::render("my-vignette.Rmd",
  output_format = albersdown::albers_vignette(family = "teal"))

## End(Not run)
```

gt_albers

Quiet, legible gt style with subtle stripe from A300

Description

Quiet, legible gt style with subtle stripe from A300

Usage

```
gt_albers(
  x,
  family = "red",
  preset = c("homage", "interaction", "study", "structural", "adobe", "midnight"),
  base_size = 14,
  width = 720,
  bg = NULL,
  fg = NULL
)
```

Arguments

x	A gt table
family	Palette family for subtle accents
preset	Visual preset (default "homage"). See albers_presets() .
base_size	Base font size in pixels (default 14).
width	Table width in pixels (default 720). Use NULL for auto.
bg	Override background color (default derived from preset).
fg	Override text color (default derived from preset).

Value

A styled gt table object.

Examples

```
if (requireNamespace("gt", quietly = TRUE)) {
  tbl <- gt::gt(head(mtcars))
  gt_albers(tbl)
}
```

migrate_albersdown	<i>One-command migration to latest albersdown</i>
--------------------	---

Description

Convenience helper for existing packages that already use the vendored albersdown setup (copied `albers.css/albers.js` in vignettes/) and need to refresh it with the latest assets while choosing an Albers accent family and preset. To move to the output format instead, use `use_albersdown(path, method = "format")`.

Usage

```
migrate_albersdown(  
  path,  
  family = "red",  
  preset = c("homage", "interaction", "study", "structural", "adobe", "midnight"),  
  dry_run = FALSE  
)
```

Arguments

<code>path</code>	Path to the package directory. Must be supplied explicitly; there is no default so that the function never writes to an unexpected location.
<code>family, preset</code>	As in <code>use_albersdown()</code> : if not given, the package's current family and direction are kept.
<code>dry_run</code>	if TRUE, report changes without writing files.

Value

TRUE invisibly.

Examples

```
if (interactive()) {  
  migrate_albersdown(path = ".", family = "teal", preset = "midnight", dry_run = TRUE)  
}
```

scale_color_albers *Scales that use the family's tones (discrete/continuous)*

Description

Discrete scales use `albers_discrete()`: by default the family's tone is paired with its Albers complement and ochre so adjacent groups stay distinguishable. Use `type = "family"` for the single-hue ramp. Continuous scales run from a light tint to the family's A900.

Usage

```
scale_color_albers(
  family = getOption("albersdown.family", "red"),
  discrete = TRUE,
  type = c("contrast", "family"),
  ...
)

scale_fill_albers(
  family = getOption("albersdown.family", "red"),
  discrete = TRUE,
  type = c("contrast", "family"),
  ...
)
```

Arguments

family	Palette family. Defaults to the <code>albersdown.family</code> option (set by <code>albers_vignette()</code> while a vignette renders), else "red".
discrete	Whether to use a discrete palette; if FALSE, uses a gradient.
type	Discrete colour set, "contrast" (default) or "family"; see <code>albers_discrete()</code> .
...	Passed to underlying <code>ggplot2</code> scale.

Value

A `ggplot2` scale object.

Examples

```
if (requireNamespace("ggplot2", quietly = TRUE)) {
  ggplot2::ggplot(iris, ggplot2::aes(Sepal.Length, Sepal.Width,
    color = Species)) + ggplot2::geom_point() + scale_color_albers()
}
```

`scale_color_albers_distinct`*Distinct, colorblind-friendly line palette across families*

Description

Uses one high-contrast tone (default A700) from different families to maximize separation between lines. This departs from the single-family aesthetic but improves readability for multi-series lines.

Usage

```
scale_color_albers_distinct(n = NULL, tone = c("A700", "A900", "A500"), ...)
```

Arguments

<code>n</code>	Number of colors needed; defaults to length of available families (6).
<code>tone</code>	One of "A700", "A900", or "A500".
<code>...</code>	Passed to <code>ggplot2::scale_color_manual()</code> .

Value

A `ggplot2` scale object.

Examples

```
if (requireNamespace("ggplot2", quietly = TRUE)) {  
  df <- data.frame(x = 1:6, y = 1:6, g = paste0("G", 1:6))  
  ggplot2::ggplot(df, ggplot2::aes(x, y, color = g)) +  
    ggplot2::geom_point() + scale_color_albers_distinct()  
}
```

`scale_color_albers_diverging`*Diverging color scale (continuous)*

Description

Diverging color scale (continuous)

Usage

```
scale_color_albers_diverging(
  low_family = "red",
  high_family = albers_complement(low_family),
  midpoint = 0,
  neutral = "#e5e7eb",
  ...
)
```

Arguments

low_family, high_family	Homage families for the two sides
midpoint	numeric midpoint for the diverging scale (default 0)
neutral	hex color for the midpoint (default matches CSS border)
...	passed to ggplot2::scale_color_gradient2()

Value

A ggplot2 scale object.

scale_color_albers_diverging_n

Diverging color scale with multiple stops (continuous)

Description

Uses a 5-stop palette (low2, low1, neutral, high1, high2) for smoother transitions around the midpoint.

Usage

```
scale_color_albers_diverging_n(
  low_family = "red",
  high_family = albers_complement(low_family),
  neutral = "#e5e7eb",
  ...
)
```

Arguments

low_family, high_family	Homage families for the two sides
neutral	hex color for the midpoint (default matches CSS border)
...	passed to ggplot2::scale_color_gradient2()

Value

A ggplot2 scale object.

`scale_color_albers_highlight`

Convenience scale: highlight vs other (color)

Description

Returns a manual color scale mapping a single highlighted group to a family tone (default A700) and all other points to a neutral gray.

Usage

```
scale_color_albers_highlight(  
  family = "red",  
  tone = c("A700", "A900", "A500", "A300"),  
  other = "#9aa0a6",  
  highlight = "highlight",  
  other_name = "other",  
  ...  
)
```

Arguments

<code>family</code>	Palette family name.
<code>tone</code>	One of A900, A700, A500, A300 used for the highlight color.
<code>other</code>	Hex color used for non-highlight values.
<code>highlight</code>	Name of the value that should receive the highlight color.
<code>other_name</code>	Name of the value that should receive the neutral color.
<code>...</code>	Passed to <code>ggplot2::scale_color_manual()</code> .

Value

A ggplot2 scale object.

```
scale_color_albers_img
```

Image-derived sequential color scale

Description

Image-derived sequential color scale

Usage

```
scale_color_albers_img(family = "red", discrete = TRUE, ...)
```

```
scale_fill_albers_img(family = "red", discrete = TRUE, ...)
```

Arguments

family	One of "red", "lapis", "ochre", "teal", "green"
discrete	Whether to use discrete palette; if FALSE uses a gradient.
...	Passed to underlying ggplot2 scale.

Value

A ggplot2 scale object.

```
scale_color_albers_img_diverging
```

Image-derived diverging color scale (gradientn)

Description

Image-derived diverging color scale (gradientn)

Usage

```
scale_color_albers_img_diverging(
  low_family,
  high_family,
  neutral = "#E4E0D9",
  ...
)
```

Arguments

low_family	Family for the low side (left)
high_family	Family for the high side (right)
neutral	Hex color for the midpoint (default derived from image)
...	Passed to ggplot2::scale_color_gradientn

Value

A ggplot2 scale object.

scale_color_albers_img_red_teal
Pre-canned image-derived diverging pairs

Description

Pre-canned image-derived diverging pairs

Usage

```
scale_color_albers_img_red_teal(neutral = "#E4E0D9", ...)
scale_color_albers_img_lapis_ochre(neutral = "#E4E0D9", ...)
scale_color_albers_img_green_red(neutral = "#E4E0D9", ...)
scale_fill_albers_img_red_teal(neutral = "#E4E0D9", ...)
scale_fill_albers_img_lapis_ochre(neutral = "#E4E0D9", ...)
scale_fill_albers_img_green_red(neutral = "#E4E0D9", ...)
```

Arguments

neutral	Midpoint color (default from image); use "#e5e7eb" to match site CSS
...	Passed to the underlying gradientn scale

Value

A ggplot2 scale object.

`scale_fill_albers_distinct`*Distinct, colorblind-friendly fill palette across families*

Description

Uses one high-contrast tone (default A700) from different families to maximize separation between filled regions. Fill counterpart of [scale_color_albers_distinct](#).

Usage

```
scale_fill_albers_distinct(n = NULL, tone = c("A700", "A900", "A500"), ...)
```

Arguments

<code>n</code>	Number of colors needed; defaults to length of available families (6).
<code>tone</code>	One of "A700", "A900", or "A500".
<code>...</code>	Passed to <code>ggplot2::scale_fill_manual()</code> .

Value

A `ggplot2` scale object.

`scale_fill_albers_diverging`*Diverging fill scale (continuous)*

Description

Diverging fill scale (continuous)

Usage

```
scale_fill_albers_diverging(  
  low_family = "red",  
  high_family = albers_complement(low_family),  
  midpoint = 0,  
  neutral = "#e5e7eb",  
  ...  
)
```

Arguments

low_family, high_family	Homage families for the two sides
midpoint	numeric midpoint for the diverging scale (default 0)
neutral	hex color for the midpoint (default matches CSS border)
...	passed to ggplot2::scale_color_gradient2()

Value

A ggplot2 scale object.

scale_fill_albers_diverging_5	<i>5-class diverging (discrete)</i>
-------------------------------	-------------------------------------

Description

Useful for binned choropleths or sliced residuals. The middle class uses the neutral color.

Usage

```
scale_fill_albers_diverging_5(
  low_family = "red",
  high_family = albers_complement(low_family),
  neutral = "#e5e7eb",
  labels = ggplot2::waiver(),
  ...
)

scale_color_albers_diverging_5(
  low_family = "red",
  high_family = albers_complement(low_family),
  neutral = "#e5e7eb",
  labels = ggplot2::waiver(),
  ...
)
```

Arguments

low_family, high_family	Homage families for the two sides
neutral	hex color for the midpoint (default matches CSS border)
labels	Optional labels for the five classes (low2, low1, mid, high1, high2)
...	Passed to ggplot2::scale_fill_manual() or ggplot2::scale_color_manual().

Value

A ggplot2 scale object.

scale_fill_albers_diverging_n

Diverging fill scale with multiple stops (continuous)

Description

Diverging fill scale with multiple stops (continuous)

Usage

```
scale_fill_albers_diverging_n(
  low_family = "red",
  high_family = albers_complement(low_family),
  neutral = "#e5e7eb",
  ...
)
```

Arguments

low_family, high_family	Homage families for the two sides
neutral	hex color for the midpoint (default matches CSS border)
...	passed to ggplot2::scale_color_gradient2()

Value

A ggplot2 scale object.

scale_fill_albers_highlight

Convenience scale: highlight vs other (fill)

Description

Convenience scale: highlight vs other (fill)

Usage

```
scale_fill_albers_highlight(
  family = "red",
  tone = c("A700", "A900", "A500", "A300"),
  other = "#9aa0a6",
  highlight = "highlight",
  other_name = "other",
  ...
)
```

Arguments

family	Palette family name.
tone	One of A900, A700, A500, A300 used for the highlight color.
other	Hex color used for non-highlight values.
highlight	Name of the value that should receive the highlight color.
other_name	Name of the value that should receive the neutral color.
...	Passed to <code>ggplot2::scale_color_manual()</code> .

Value

A `ggplot2` scale object.

scale_fill_albers_img_diverging

Image-derived diverging fill scale (gradientn)

Description

Image-derived diverging fill scale (gradientn)

Usage

```
scale_fill_albers_img_diverging(
  low_family,
  high_family,
  neutral = "#E4E0D9",
  ...
)
```

Arguments

low_family	Family for the low side (left)
high_family	Family for the high side (right)
neutral	Hex color for the midpoint (default derived from image)
...	Passed to <code>ggplot2::scale_fill_gradientn</code>

Value

A ggplot2 scale object.

scale_linetype_albers *Discrete linetype scale to pair with Albers colors*

Description

Provides a sensible set of linetypes for multi-series line charts.

Usage

```
scale_linetype_albers(...)
```

Arguments

... Passed to `ggplot2::scale_linetype_manual()`.

Value

A ggplot2 scale object.

theme_albers *Minimal, legible plot theme inspired by Josef Albers*

Description

Minimal, legible plot theme inspired by Josef Albers

Usage

```
theme_albers(
  family = getOption("albersdown.family", "red"),
  preset = getOption("albersdown.preset", c("homage", "interaction", "study",
    "structural", "adobe", "midnight")),
  base_size = 13,
  base_family = NULL,
  bg = NULL,
  fg = NULL,
  grid_color = NULL,
  mode = c("light", "dark")
)
```

Arguments

family	Palette family used by companion scales.
preset	Visual direction: "homage" (warm cream ground) or "interaction" (cool grey ground). Legacy presets "study", "structural", "adobe", and "midnight" are still accepted for backward compatibility.
base_size	Base font size.
base_family	Base font family. Plots fall back to the system "sans" stack; install the matching typefaces (Familjen Grotesk / Space Grotesk, etc.) and pass e.g. base_family = "Familjen Grotesk" for full fidelity.
bg	Override background color. Defaults to the preset's surface (the vignette sheet), so figures sit on the page rather than in a box.
fg	Override foreground/text color (default derived from preset).
grid_color	Override grid line color (default derived from preset).
mode	"light" (default) or "dark": the direction's night ground and ink, matching the page's dark mode. <code>albers_vignette()</code> uses it to render a dark twin of each plot.

Value

A ggplot2 theme object.

Examples

```
if (requireNamespace("ggplot2", quietly = TRUE)) {
  ggplot2::ggplot(mtcars, ggplot2::aes(wt, mpg)) +
    ggplot2::geom_point() + theme_albers()
}
```

theme_albers_void	<i>Stripped theme for maps, brain surfaces, and abstract compositions</i>
-------------------	---

Description

Extends `theme_albers` by removing axes, grid lines, ticks, and panel border – leaving only the plot background, titles, and legend. Useful for spatial visualizations where coordinate axes are meaningless.

Usage

```
theme_albers_void(
  family = "red",
  preset = c("homage", "interaction", "study", "structural", "adobe", "midnight"),
  base_size = 13,
  base_family = NULL,
```

```

    bg = NULL,
    fg = NULL
  )

```

Arguments

family	Palette family used by companion scales.
preset	Visual direction: "homage" (warm cream ground) or "interaction" (cool grey ground). Legacy presets "study", "structural", "adobe", and "midnight" are still accepted for backward compatibility.
base_size	Base font size.
base_family	Base font family. Plots fall back to the system "sans" stack; install the matching typefaces (Familjen Grotesk / Space Grotesk, etc.) and pass e.g. base_family = "Familjen Grotesk" for full fidelity.
bg	Override background color. Defaults to the preset's surface (the vignette sheet), so figures sit on the page rather than in a box.
fg	Override foreground/text color (default derived from preset).

Value

A ggplot2 theme object.

use_albersdown	<i>One-shot setup for existing packages</i>
----------------	---

Description

Adopt the albersdown theme in an existing package.

Usage

```

use_albersdown(
  path,
  family = "red",
  preset = c("homage", "interaction", "study", "structural", "adobe", "midnight"),
  apply_to = c("all", "new"),
  dry_run = FALSE,
  fallback_extra = c("auto", "always", "never"),
  force_replace = TRUE,
  method = c("format", "vendor"),
  readme = FALSE
)

```

Arguments

path	Path to the package directory. Must be supplied explicitly; there is no default so that the function never writes to an unexpected location.
family	One of "red", "lapis", "ochre", "teal", "green", "violet" (case-insensitive). If not given, the family the package already uses is kept: from its vignettes (a family: stated in their <code>albers_vignette()</code> entries, or <code>albersdown 2.0</code> 's params; the most common if they differ), else from site defaults in <code>pkgdown/extra.js</code> or <code>_pkgdown.yml</code> , else "red". With <code>apply_to = "new"</code> the site defaults come first. A message says which was kept and where it came from.
preset	Direction, "homage" or "interaction" (legacy presets are accepted; case-insensitive). If not given, inferred like family, else "homage". See albers_presets() .
apply_to	"all" to convert the vignettes as well (every *.Rmd in vignettes/; with method = "vendor" also *.qmd), or "new" to set up only <code>_pkgdown.yml</code> , the site defaults and DESCRIPTION (vignette dependencies only if a vignette is already on the format).
dry_run	if TRUE, report the changes (including <code>.Rbuildignore</code> and <code>.gitignore</code> entries) without writing anything.
fallback_extra	method = "vendor" only. Controls writing site-wide fallbacks into <code>pkgdown/</code> : • "auto": write <code>pkgdown/extra.css</code> and <code>pkgdown/extra.js</code> whenever site-wide defaults are needed. • "always": always write to <code>pkgdown/</code> (useful as a safety net or for custom setups). • "never": never copy site-wide fallbacks. With method = "format", only the site default family is written, to <code>pkgdown/extra.js</code> , and only when it is not red/homage (or was set before).
force_replace	method = "vendor" only. If TRUE (default), overwrite existing <code>albersdown</code> assets and replace existing vignette CSS/header hooks so <code>albersdown</code> becomes the active theme.
method	"format" (default) or "vendor"; see Details.
readme	If TRUE, add a short note about the theme to <code>README.Rmd</code> (re-knit it afterwards) or, when there is none, <code>README.md</code> (default FALSE), describing the setup method makes.

Details

With method = "format" (the default) each `vignettes/*.Rmd` whose first output format is `html_vignette` is switched to [albers_vignette\(\)](#), and `_pkgdown.yml` is pointed at the `albersdown` template (it is created, and added to `.Rbuildignore` with `docs/`, if missing). DESCRIPTION gains `bbuchsbaum/albersdown` in `Config/Needs/website`. When at least one vignette is on the format, it also gains `albersdown (>= <installed version)` in `Suggests` (or that bound where `albersdown` is already in `Imports/Depends`), `knitr` and `rmarkdown`, and `VignetteBuilder: knitr`; and, when the installed `albersdown` is a development version (not on CRAN), `Remotes: bbuchsbaum/albersdown`, so that R CMD check and CI install the version with `albers_vignette()` (R CMD check --as-cran notes that field). Otherwise (no vignettes, none convertible, or `apply_to = "new"` with none already on the format) the adoption is site-only and no field that R CMD check reads is changed. Nothing is copied into `vignettes/`. Edits are

textual (other output formats, comments, key order and line endings are kept) and each changed file is backed up to `.albersdown.bak/`, which is added to `.Rbuildignore` and `.gitignore`.

A package set up by `albersdown 2.0` (the vendor setup) is migrated: the `setup-chunk` lines and `params` (`family`, `preset`) that 2.0 added are removed, as are its generated `pkgdown/extra.css` (an `@import` of the theme) and `pkgdown/extra.js`, and its `README` note is rewritten. The copied `albers.css`, `albers.js`, `albers-header.html` and fonts in `vignettes/` are moved to `.albersdown.bak/` once no remaining vignette uses them.

Quarto vignettes, flow-style output: `{...}` headers and `pkgdown`-only articles in `vignettes/articles/` are listed but not changed: articles take the site default family unless you set `output: albersdown::albers_vignette` in their `YAML` by hand.

With `method = "vendor"` the stylesheet, script and fonts are copied into `vignettes/` and each vignette keeps `rmarkdown::html_vignette` with the theme's css and header include (the `albersdown 2.0` setup).

Value

TRUE invisibly.

Examples

```
if (interactive()) {
  use_albersdown(path = ".", dry_run = TRUE)
}
```

use_albers_vignettes	<i>Configure current package to use albersdown (back-compat wrapper)</i>
----------------------	--

Description

This wrapper preserves the old name and forwards to `use_albersdown()`.

Usage

```
use_albers_vignettes(path = ".", ...)
```

Arguments

<code>path</code>	Path to the package directory. Defaults to the current working directory to preserve the original wrapper behavior.
<code>...</code>	Additional arguments passed to <code>use_albersdown()</code> .

Value

TRUE invisibly.

Examples

```
if (interactive()) {  
  use_albers_vignettes()  
}
```

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