

# Package: BobRossColors (via r-universe)

October 29, 2024

**Title** Bob Ross painting colors and scales for ggplot2

**Version** 0.0.0.9000

**Description** This package has three data's and three functions. Giving access to Bob Ross' named colors (18 unique colors) & the hex values for blended colors on each painting (403 paintings). Includes helper functions to visualize palettes for each painting and apply them to ggplot2 objects.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.1

**Depends** R (>= 2.10)

**LazyData** true

**Imports** ggplot2, dplyr, tidyr, magick, gridExtra

**Repository** <https://frankiethull.r-universe.dev>

**RemoteUrl** <https://github.com/frankiethull/BobRossColors>

**RemoteRef** HEAD

**RemoteSha** 9c5db057b19e6de939a827abb85680b748e85491

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`all_palettes`*All Palettes*

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**Description**

This is the programmatically created palettes for each Bob Ross painting. `scale_fill_bob_ross`, `scale_color_bob_ross` and `show_colors_and_paintings` all link to this data Colors were mined leveraging a few image processing tools `imgpalr` in particular was key for calculating the hex values

**Usage**`all_palettes`**Format**`all_palettes:`**Source**

[https://raw.githubusercontent.com/jwilber/Bob\\_Ross\\_Paintings/master/data/bob\\_ross\\_paintings.csv](https://raw.githubusercontent.com/jwilber/Bob_Ross_Paintings/master/data/bob_ross_paintings.csv)

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`bob_ross_paintings`*The Master Bob Ross Painting 'db'*

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**Description**

sourced from a python library `Bob_Ross_Paintings`

**Usage**`bob_ross_paintings`**Format**`bob_ross_paintings:`**Source**

[https://raw.githubusercontent.com/jwilber/Bob\\_Ross\\_Paintings/master/data/bob\\_ross\\_paintings.csv](https://raw.githubusercontent.com/jwilber/Bob_Ross_Paintings/master/data/bob_ross_paintings.csv)

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scale\_color\_bob\_ross *Scale Colors, A ggplot2 helper function*

---

**Description**

Scale Colors, A ggplot2 helper function

**Usage**

```
scale_color_bob_ross(  
  painting = c("peaceful_valley", "a_walk_in_the_woods"),  
  type = c("divergent", "qualitative")  
)
```

**Arguments**

painting	a vector of painting names
type	divergent, qualitative, or both

**Value**

a set of hex values to scale colors on a ggplot2 object

**Examples**

```
scale_color_bob_ross(painting = "peaceful_valley", type = "qualitative")
```

---

scale\_fill\_bob\_ross *Scale Fills, A ggplot2 helper function*

---

**Description**

Scale Fills, A ggplot2 helper function

**Usage**

```
scale_fill_bob_ross(  
  painting = c("peaceful_valley", "a_walk_in_the_woods"),  
  type = c("divergent", "qualitative")  
)
```

**Arguments**

painting	a vector of painting names
type	divergent, qualitative, or both

**Value**

a set of hex values to scale colors on a ggplot2 object

**Examples**

```
scale_fill_bob_ross(painting = "peaceful_valley", type = "qualitative")
```

---

```
show_colors_and_paintings
```

*Show Colors & Paintings*

---

**Description**

Show Colors & Paintings

**Usage**

```
show_colors_and_paintings(  
  paintings = c("peaceful_valley", "a_walk_in_the_woods")  
)
```

**Arguments**

paintings      a vector of painting names from all\_palettes

**Value**

a visualization of palettes and the painting

**Examples**

```
show_colors_and_paintings(paintings = c("peaceful_valley"))
```

---

```
unique_bob_ross_colors
```

*Unique Bob Ross Colors*

---

**Description**

this lists all uniquely named colors and their hex values. These are the unblended unique colors

**Usage**

```
unique_bob_ross_colors
```

**Format**

unique\_bob\_ross\_colors:

**Source**

[https://raw.githubusercontent.com/jwilber/Bob\\_Ross\\_Paintings/master/data/bob\\_ross\\_paintings.csv](https://raw.githubusercontent.com/jwilber/Bob_Ross_Paintings/master/data/bob_ross_paintings.csv)

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