

# Package ‘PNWColors’

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**Type** Package

**Title** Color Palettes Inspired by Nature in the US Pacific Northwest

**Version** 0.1.0

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**Description** PNW-Inspired Palettes for 'R' data visualizations. Palettes are variable in length and checked for colorblind accessibility from hue, saturation, and lightness value scaling using the 'Chroma.js Color Palette Helper' <<https://gka.github.io/palettes/>>.

**Encoding** UTF-8

**LazyData** true

**License** CC0

**RoxygenNote** 7.0.2

**Suggests** ggplot2

**URL** <https://github.com/jakelawlor/PNWColors>

**NeedsCompilation** no

**Repository** CRAN

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`pnw_palette`*PNW Palette Generator.*

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**Description**

This function builds palettes based on natural scenes in the Pacific Northwest. Each palette is inspired by the author's nature photography of the region, and checked for color blind safety using [Chroma.js Color Palette Helper](#). View photos for each palette [On Github](#).

**Usage**

```
pnw_palette(name, n, type = c("discrete", "continuous"))
```

**Arguments**

<code>name</code>	Name of the color palette. Options are Starfish, Shuksan, Bay, Winter, Lake, Sunset, Shuksan2, Cascades, Sailboat, Moth, Spring, Mushroom, Sunset2, Anemone
<code>n</code>	Number of colors in the palette. Palettes include 5-8 colors, which can be used discretely, or if more are desired, used as a gradient. If omitted, <code>n = length of palette</code> .
<code>type</code>	Usage of palette as "continuous" or "discrete". Continuous usage interpolates between colors to create a scale of values. If omitted, function assumes continuous if <code>n &gt; length of palette</code> , and discrete if <code>n &lt; length of palette</code> .

**Value**

A vector of colors.

**Examples**

```
pnw_palette("Winter", n=100, type="continuous")
pnw_palette("Bay", 3)
pnw_palette("Starfish", 50)
```

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`pnw_palettes`*Complete list of palettes*

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**Description**

Use `names(pnw_palettes)` to view list of palette names. Currently: Starfish, Shuksan, Bay, Winter, Lake, Sunset, Shuksan2, Cascades, Sailboat, Moth, Spring, Mushroom, Sunset2, and Anemone.

*pnw\_palettes*

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**Usage**

`pnw_palettes`

**Format**

An object of class `list` of length 14.

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\* **datasets**

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