

Converting Colors

RGB(80, 179, 148)

Have a look what the booklet for
RGB(80, 179, 148) contains.

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Color

RGB(80, 179, 148)

Conversions

Conversions Part 1

Format	Color
Hex	50B394
RGB	80, 179, 148
RGB Percent	31%, 70%, 58%
CMY	0.6863, 0.2980, 0.4196
CMYK	0.55, 0.00, 0.17, 0.30
HSL	161°, 39%, 51%
HSV	161°, 55%, 70%
XYZ	24.7737, 36.0838, 33.6761
YIQ	145.8650, -49.0530, -30.6290

Conversions

Conversions Part 2

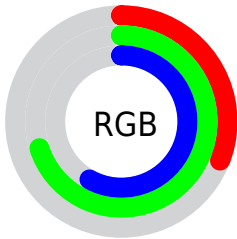
Format	Color
RYB	80, 139, 179
Decimal	5288852
CIELab	66.58, -36.58, 7.13
CIELCh	67, 37.264, 168.966
Yxy	36.0838, 0.2621, 0.3817
Android (android.graphics.Color)	4283478932 (0xFF50B394)
YUV	145.8650, 1.0526, -57.7636
Hunter-Lab	60.0698, -31.5061, 8.8099

Details

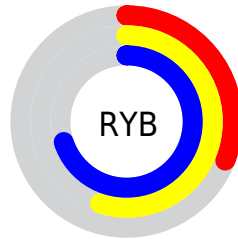
The RGB color **80, 179, 148** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **179, 80, 111**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **137, 235, 202**, and **5, 126, 97** is the 20% darker color. If you saturate the color by 10%, you get **62, 179, 142**, and if you desaturate by 10%, it is **98, 179, 154**.

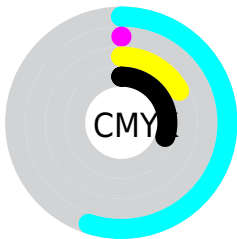
Distribution



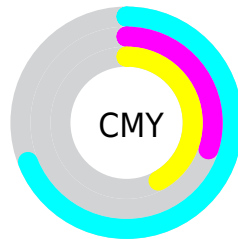
- Red (31%)
- Green (70%)
- Blue (58%)



- Red (31%)
- Yellow (55%)
- Blue (70%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)






















- Cyan (69%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 80, 179, 148 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 80, 179, 148 by changing the saturation by 10% instead.

 80, 179, 148	 80, 179, 148
 255, 255, 255	 50, 152, 122
 137, 235, 202	 5, 126, 97
 165, 255, 230	 0, 100, 74
 194, 255, 255	 0, 75, 51
 223, 255, 255	 0, 52, 30
 253, 255, 255	 0, 31, 5
	 0, 0, 0

 80, 179, 148	 80, 179, 148
 62, 179, 142	 98, 179, 154

■ 44, 179, 137

■ 116, 179, 159

■ 26, 179, 131

■ 134, 179, 165

■ 8, 179, 126

■ 152, 179, 170

■ 0, 179, 123

■ 170, 179, 176

■ 187, 179, 182

■ 205, 179, 187

■ 223, 179, 193

■ 241, 179, 198

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



124, 175, 117



80, 179, 148



22, 180, 183

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80, 179, 148



147, 158, 225



218, 144, 113

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80, 179, 148



179, 80, 111

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 137, 142



80, 179, 148



192, 146, 206

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80, 179, 148



90, 169, 227



219, 137, 176



195, 156, 96

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80, 179, 148



0, 178, 203



219, 137, 176



223, 141, 121

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80, 179, 148



193, 232, 220



111, 179, 80



94, 117, 110



245, 245, 245



117, 117, 117

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 179, 148



79, 232, 184



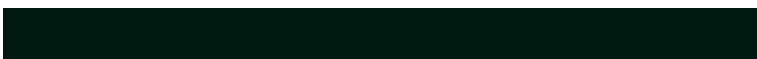
80, 161, 179



80, 89, 86



0, 153, 105



0, 26, 18

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



179, 80, 111



232, 79, 127



179, 98, 80



89, 80, 83



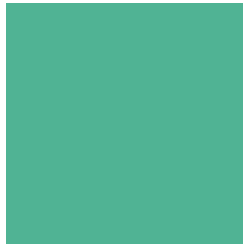
153, 0, 48



26, 0, 8

Previews

White Background



This preview shows how the RGB color 80, 179, 148 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 80, 179, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 80, 179, 148 Background



This preview shows how black text looks on a background with the RGB color 80, 179, 148.

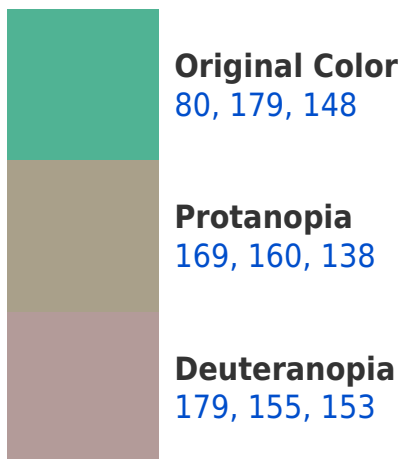


This preview shows how white text looks on a background with the RGB color 80, 179, 148.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
93, 174, 188

Trichromacy



Original Color

80, 179, 148



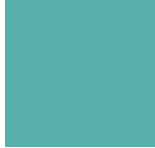
Protanomaly

137, 167, 142



Deuteranomaly

143, 164, 151



Tritanomaly

88, 176, 173

Monochromacy



Original Color

80, 179, 148



Achromatopsia

146, 146, 146



Achromatomaly

122, 158, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 80, 179, 148 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(80, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(80, 179, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(80, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 179, 148) }
```

Border

The CSS property to change the border of an element to RGB 80, 179, 148 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(80, 179, 148) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(80, 179, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(80, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(80, 179,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 80, 179, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 179, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(80, 179,  
148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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