

Converting Colors

RGB(80, 175, 131)

Have a look what the booklet for
RGB(80, 175, 131) contains.

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Color

RGB(80, 175, 131)

Conversions

Conversions Part 1

Format	Color
Hex	50AF83
RGB	80, 175, 131
RGB Percent	31%, 69%, 51%
CMY	0.6863, 0.3137, 0.4863
CMYK	0.54, 0.00, 0.25, 0.31
HSL	152°, 37%, 50%
HSV	152°, 54%, 69%
XYZ	22.7350, 34.0041, 26.8379
YIQ	141.5790, -42.4960, -33.8240

Conversions

Conversions Part 2

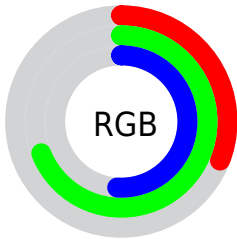
Format	Color
RYB	80, 142, 175
Decimal	5287811
CIELab	64.97, -38.61, 14.20
CIELCh	65, 41.142, 159.813
Yxy	34.0041, 0.2720, 0.4069
Android (android.graphics.Color)	4283477891 (0xFF50AF83)
YUV	141.5790, -5.2154, -54.0048
Hunter-Lab	58.3130, -32.4546, 13.5316

Details

The RGB color **80, 175, 131** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **175, 80, 124**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **136, 231, 184**, and **11, 122, 81** is the 20% darker color. If you saturate the color by 10%, you get **63, 175, 123**, and if you desaturate by 10%, it is **98, 175, 139**.

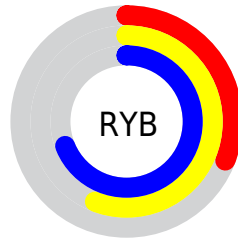
Distribution



Red (31%)

Green (69%)

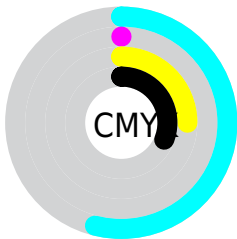
Blue (51%)



Red (31%)

Yellow (56%)

Blue (69%)

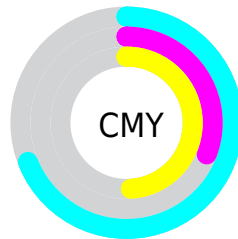


Cyan (54%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (69%)
















Magenta (31%)





Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 80, 175, 131 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, 175, 131 by changing the saturation by 10% instead.

 80, 175, 131	 80, 175, 131
 255, 255, 255	 51, 148, 106
 136, 231, 184	 11, 122, 81
 164, 255, 212	 0, 96, 58
 193, 255, 240	 0, 72, 36
 222, 255, 255	 0, 48, 16
 251, 255, 255	 0, 26, 0
	 0, 0, 0

 80, 175, 131	 80, 175, 131
 63, 175, 123	 98, 175, 139

■ 45, 175, 115

■ 115, 175, 147

■ 28, 175, 107

■ 133, 175, 155

■ 10, 175, 99

■ 150, 175, 163

■ 0, 175, 94

■ 168, 175, 172

■ 185, 175, 180

■ 203, 175, 188

■ 220, 175, 196

■ 238, 175, 204

Harmonies

Analogous

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



129, 169, 99



80, 175, 131



0, 177, 169

Triad

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



80, 175, 131



121, 157, 230



223, 134, 112

Complementary

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



80, 175, 131



175, 80, 124

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.



228, 128, 147



80, 175, 131



177, 143, 214

Square

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



80, 175, 131



36, 168, 226



213, 132, 184



202, 147, 89

Rectangle

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



80, 175, 131



0, 176, 193



213, 132, 184



227, 131, 123

Sweetspot

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



80, 175, 131



191, 227, 210



124, 175, 80



93, 115, 105



242, 242, 242



115, 115, 115

Same Dimension

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



80, 175, 131



79, 227, 159



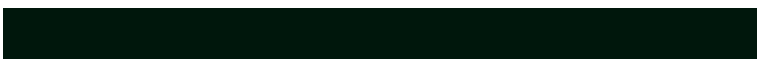
80, 172, 175



78, 87, 83



0, 150, 81



0, 23, 12

Inverse Universe

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



175, 80, 124



227, 79, 148



175, 83, 80



87, 78, 82



150, 0, 70



23, 0, 11

Previews

White Background



This preview shows how the RGB color 80, 175, 131 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, 175, 131 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, 175, 131 Background



This preview shows how black text looks on a background with the RGB color 80, 175, 131.



This preview shows how white text looks on a background with the RGB color 80, 175, 131.

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



Original Color
80, 175, 131

Protanopia
167, 156, 122

Deuteranopia
179, 151, 136



Tritanopia
95, 168, 182

Trichromacy



Original Color

80, 175, 131



Protanomaly

135, 163, 125



Deuteranomaly

143, 160, 134



Tritanomaly

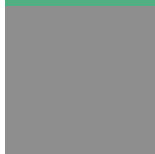
90, 171, 163

Monochromacy



Original Color

80, 175, 131



Achromatopsia

142, 142, 142



Achromatomaly

119, 154, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 80, 175, 131 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, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(80, 175, 131)  
}
```

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, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 175, 131) }
```

Border

The CSS property to change the border of an element to RGB 80, 175, 131 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, 175, 131) }
```

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

```
.border{ border-color:rgb(80, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(80, 175,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 80, 175, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 175, 131) }
```

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

```
.background{ background-color: rgb(80, 175,  
131) }
```

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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