

Converting Colors

RGB(81, 190, 117)

Have a look what the booklet for
RGB(81, 190, 117) contains.

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Color

RGB(81, 190, 117)

Conversions

Conversions Part 1

Format	Color
Hex	51BE75
RGB	81, 190, 117
RGB Percent	32%, 75%, 46%
CMY	0.6824, 0.2549, 0.5412
CMYK	0.57, 0.00, 0.38, 0.25
HSL	140°, 46%, 53%
HSV	140°, 57%, 75%
XYZ	25.0177, 39.8606, 23.2049
YIQ	149.0870, -41.5310, -45.8110

Conversions

Conversions Part 2

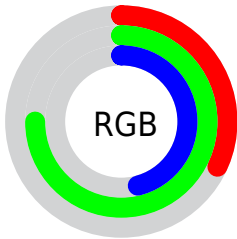
Format	Color
RYB	81, 163, 190
Decimal	5357173
CIELab	69.37, -47.54, 27.73
CIELCh	69, 55.034, 149.749
Yxy	39.8606, 0.2840, 0.4525
Android (android.graphics.Color)	4283547253 (0xFF51BE75)
YUV	149.0870, -15.8189, -59.7123
Hunter-Lab	63.1352, -39.7551, 22.4031

Details

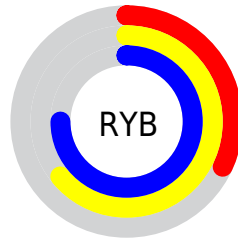
The RGB color **81, 190, 117** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **190, 81, 154**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **139, 247, 170**, and **0, 136, 68** is the 20% darker color. If you saturate the color by 10%, you get **62, 190, 104**, and if you desaturate by 10%, it is **100, 190, 130**.

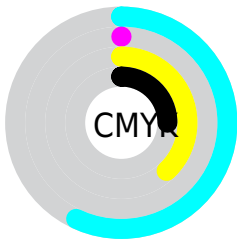
Distribution



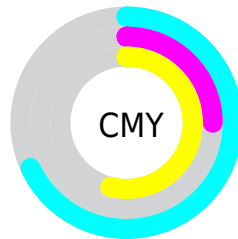
- Red (32%)
- Green (75%)
- Blue (46%)



- Red (32%)
- Yellow (64%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (68%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 81, 190, 117 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 81, 190, 117 by changing the saturation by 10% instead.


 81, 190, 117  81, 190, 117

255, 255, 255  50, 162, 92

 139, 247, 170  0, 136, 68

 167, 255, 197  0, 109, 44

 197, 255, 225  0, 84, 21

 226, 255, 254  0, 60, 0

 0, 38, 0

 0, 0, 0

 81, 190, 117  81, 190, 117

 62, 190, 104  100, 190, 130

■ 43, 190, 92

■ 119, 190, 142

■ 24, 190, 79

■ 138, 190, 155

■ 5, 190, 66

■ 157, 190, 168

■ 0, 190, 63

■ 176, 190, 181

■ 195, 190, 193

■ 214, 190, 206

■ 233, 190, 219

■ 252, 190, 232

Harmonies

Analogous

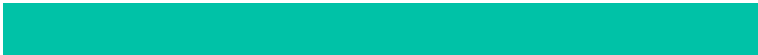
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



148, 181, 78



81, 190, 117



0, 194, 167

Triad

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



81, 190, 117



64, 175, 255



255, 131, 123

Complementary

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



81, 190, 117



190, 81, 154

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.



255, 126, 172



81, 190, 117



171, 156, 255

Square

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



81, 190, 117



0, 187, 255



230, 137, 220



237, 148, 83

Rectangle

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



81, 190, 117



0, 194, 202



230, 137, 220



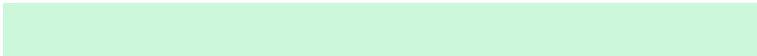
255, 128, 138

Sweetspot

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



81, 190, 117



205, 247, 219



155, 190, 81



100, 125, 108



252, 252, 252



125, 125, 125

Same Dimension

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



81, 190, 117



77, 247, 133



81, 190, 170



85, 94, 88



0, 158, 52



0, 31, 10

Inverse Universe

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



190, 81, 154



247, 77, 191



190, 81, 101



94, 85, 91



158, 0, 106



31, 0, 20

Previews

White Background



This preview shows how the RGB color 81, 190, 117 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 81, 190, 117 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 81, 190, 117 Background



This preview shows how black text looks on a background with the RGB color 81, 190, 117.

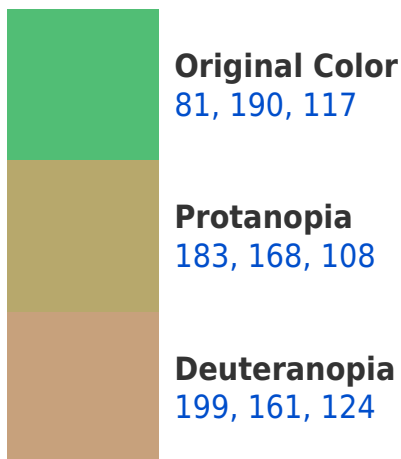


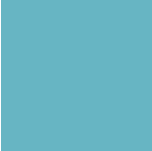
This preview shows how white text looks on a background with the RGB color 81, 190, 117.

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
103, 181, 195

Trichromacy



Original Color

81, 190, 117



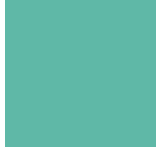
Protanomaly

146, 176, 111



Deuteranomaly

156, 172, 121



Tritanomaly

95, 184, 167

Monochromacy



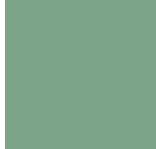
Original Color

81, 190, 117



Achromatopsia

149, 149, 149



Achromatomaly

124, 164, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 81, 190, 117 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(81, 190, 117)` looks like.

```
.text, #text, p{  
    color:rgb(81, 190, 117)  
}
```

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(81, 190, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 190, 117) }
```

Border

The CSS property to change the border of an element to RGB 81, 190, 117 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(81, 190, 117) }
```

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

```
.border{ border-color:rgb(81, 190, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 190, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 190, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 190, 117);  
box-shadow:4px 4px 4px 4px rgb(81, 190,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 81, 190, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 190, 117) }
```

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

```
.background{ background-color: rgb(81, 190,  
117) }
```

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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