

Converting Colors

RGB(65, 190, 118)

Have a look what the booklet for
RGB(65, 190, 118) contains.

RGB(65, 190, 118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(65, 190, 118)

Conversions

Conversions Part 1

Format	Color
Hex	41BE76
RGB	65, 190, 118
RGB Percent	25%, 75%, 46%
CMY	0.7451, 0.2549, 0.5373
CMYK	0.66, 0.00, 0.38, 0.25
HSL	145°, 49%, 50%
HSV	145°, 66%, 75%
XYZ	23.8634, 39.2587, 23.4595
YIQ	144.4170, -51.3880, -48.8920

Conversions

Conversions Part 2

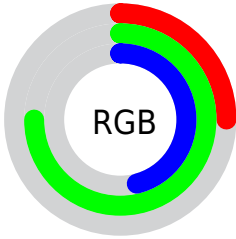
Format	Color
RYB	65, 153, 190
Decimal	4308598
CIELab	68.94, -50.68, 26.55
CIELCh	69, 57.215, 152.357
Yxy	39.2587, 0.2756, 0.4534
Android (android.graphics.Color)	4282498678 (0xFF41BE76)
YUV	144.4170, -13.0236, -69.6487
Hunter-Lab	62.6568, -41.6659, 21.6608

Details

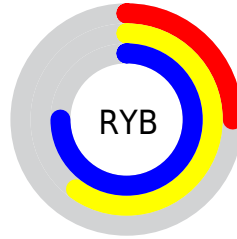
The RGB color **65, 190, 118** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **190, 65, 137**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **126, 247, 171**, and **0, 135, 69** is the 20% darker color. If you saturate the color by 10%, you get **46, 190, 107**, and if you desaturate by 10%, it is **84, 190, 129**.

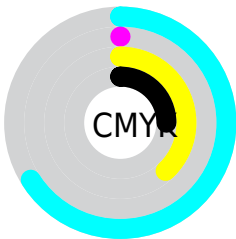
Distribution



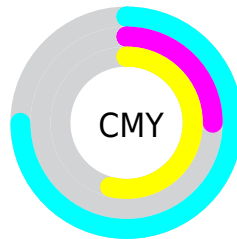
- Red (25%)
- Green (75%)
- Blue (46%)



- Red (25%)
- Yellow (60%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)






















- Cyan (75%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 190, 118 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 65, 190, 118 by changing the saturation by 10% instead.

 65, 190, 118	 65, 190, 118
 255, 255, 255	 25, 162, 93
 126, 247, 171	 0, 135, 69
 155, 255, 198	 0, 109, 45
 185, 255, 226	 0, 84, 23
 214, 255, 255	 0, 59, 0
 244, 255, 255	 0, 37, 0
	 0, 0, 0

 65, 190, 118	 65, 190, 118
 46, 190, 107	 84, 190, 129

■ 27, 190, 96

■ 103, 190, 140

■ 8, 190, 85

■ 122, 190, 151

■ 0, 190, 81

■ 141, 190, 162

■ 160, 190, 173

■ 179, 190, 184

■ 198, 190, 195

■ 217, 190, 206

■ 236, 190, 216

Harmonies

Analogous

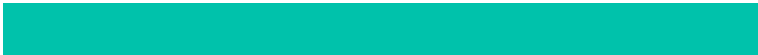
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



140, 181, 76



65, 190, 118



0, 194, 171

Triad

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



65, 190, 118



67, 173, 255



255, 129, 116

Complementary

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



65, 190, 118



190, 65, 137

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, 122, 166



65, 190, 118



176, 153, 255

Square

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



65, 190, 118



0, 186, 255



235, 132, 217



235, 148, 76

Rectangle

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



65, 190, 118



0, 194, 206



235, 132, 217



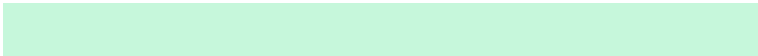
255, 125, 132

Sweetspot

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



65, 190, 118



198, 247, 219



138, 190, 65



95, 125, 108



252, 252, 252



125, 125, 125

Same Dimension

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



65, 190, 118



52, 247, 135



65, 190, 180



85, 94, 89



0, 158, 67



0, 31, 13

Inverse Universe

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



190, 65, 137



247, 52, 164



190, 65, 75



94, 85, 90



158, 0, 91



31, 0, 18

Previews

White Background



This preview shows how the RGB color 65, 190, 118 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 65, 190, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

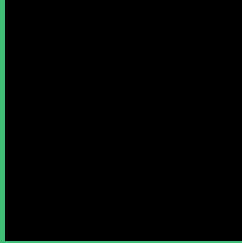
Any Text WCAG AA ✓ Pass

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 65, 190, 118 Background



This preview shows how black text looks on a background with the RGB color 65, 190, 118.

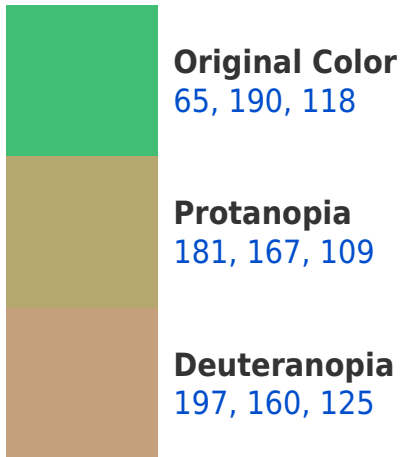


This preview shows how white text looks on a background with the RGB color 65, 190, 118.

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
91, 181, 195

Trichromacy



Original Color

65, 190, 118



Protanomaly

139, 175, 112



Deuteranomaly

149, 171, 122



Tritanomaly

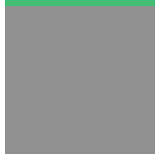
82, 184, 167

Monochromacy



Original Color

65, 190, 118



Achromatopsia

144, 144, 144



Achromatomaly

115, 161, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 190, 118 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(65, 190, 118)` looks like.

```
.text, #text, p{  
    color:rgb(65, 190, 118)  
}
```

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(65, 190, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 190, 118) }
```

Border

The CSS property to change the border of an element to RGB 65, 190, 118 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(65, 190, 118) }
```

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

```
.border{ border-color:rgb(65, 190, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 190, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 190, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 190, 118);  
box-shadow:4px 4px 4px 4px rgb(65, 190,  
118) }
```

Background

The CSS property to change the background color of an element to RGB 65, 190, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 190, 118) }
```

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

```
.background{ background-color: rgb(65, 190,  
118) }
```

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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