

Converting Colors

RGB(66, 187, 108)

Have a look what the booklet for
RGB(66, 187, 108) contains.

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Color

RGB(66, 187, 108)

Conversions

Conversions Part 1

Format	Color
Hex	42BB6C
RGB	66, 187, 108
RGB Percent	26%, 73%, 42%
CMY	0.7412, 0.2667, 0.5765
CMYK	0.65, 0.00, 0.42, 0.27
HSL	141°, 48%, 50%
HSV	141°, 65%, 73%
XYZ	22.7239, 37.7816, 20.2823
YIQ	141.8150, -46.7570, -50.2210

Conversions

Conversions Part 2

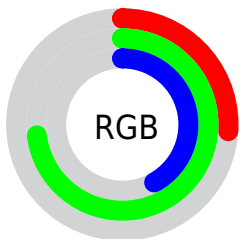
Format	Color
RYB	66, 156, 187
Decimal	4373356
CIELab	67.86, -51.14, 30.36
CIELCh	68, 59.472, 149.300
Yxy	37.7816, 0.2813, 0.4677
Android (android.graphics.Color)	4282563436 (0xFF42BB6C)
YUV	141.8150, -16.6708, -66.4898
Hunter-Lab	61.4667, -41.5765, 23.4627

Details

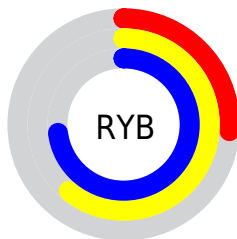
The RGB color **66, 187, 108** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **187, 66, 145**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **126, 244, 160**, and **0, 133, 59** is the 20% darker color. If you saturate the color by 10%, you get **47, 187, 96**, and if you desaturate by 10%, it is **85, 187, 120**.

Distribution



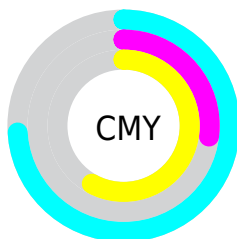
- Red (26%)
- Green (73%)
- Blue (42%)



- Red (26%)
- Yellow (61%)
- Blue (73%)



- Cyan (65%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)




- Cyan (74%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RGB color 66, 187, 108 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 66, 187, 108 by changing the saturation by 10% instead.

 66, 187, 108  66, 187, 108

255, 255, 255  28, 159, 83

 126, 244, 160  0, 133, 59


 155, 255, 188  0, 106, 35

 185, 255, 216  0, 81, 11

 214, 255, 244  0, 57, 0

 244, 255, 255  0, 34, 0

 0, 0, 0

 66, 187, 108  66, 187, 108

 47, 187, 96  85, 187, 120

■ 29, 187, 84

■ 103, 187, 132

■ 10, 187, 71

■ 122, 187, 145

■ 0, 187, 65

■ 141, 187, 157

■ 160, 187, 169

■ 178, 187, 181

■ 197, 187, 193

■ 216, 187, 206

■ 234, 187, 218

Harmonies

Analogous

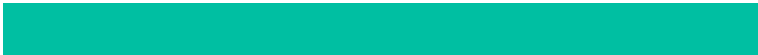
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142, 178, 65



66, 187, 108



0, 191, 162

Triad

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



66, 187, 108



0, 172, 255



255, 123, 116

Complementary

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



66, 187, 108



187, 66, 145

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, 117, 169



66, 187, 108



164, 152, 255

Square

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



66, 187, 108



0, 185, 255



229, 130, 221



237, 142, 73

Rectangle

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



66, 187, 108



0, 191, 199



229, 130, 221



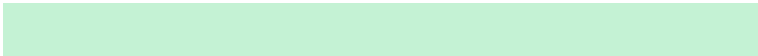
255, 119, 133

Sweetspot

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



66, 187, 108



196, 242, 212



147, 187, 66



94, 122, 104



250, 250, 250



122, 122, 122

Same Dimension

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



66, 187, 108



53, 242, 119



66, 187, 167



85, 94, 88



0, 158, 55



0, 31, 11

Inverse Universe

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



187, 66, 145



242, 53, 177



187, 66, 86



94, 85, 91



158, 0, 103



31, 0, 20

Previews

White Background



This preview shows how the RGB color 66, 187, 108 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 66, 187, 108 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 66, 187, 108 Background



This preview shows how black text looks on a background with the RGB color 66, 187, 108.

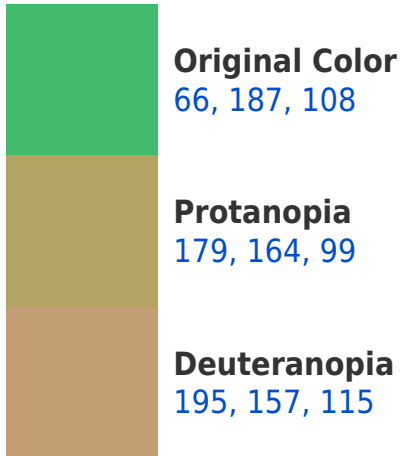


This preview shows how white text looks on a background with the RGB color 66, 187, 108.

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
92, 177, 192

Trichromacy



Original Color

66, 187, 108



Protanomaly

138, 172, 102



Deuteranomaly

148, 168, 112



Tritanomaly

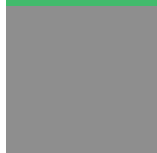
83, 181, 161

Monochromacy



Original Color

66, 187, 108



Achromatopsia

142, 142, 142



Achromatomaly

114, 158, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 66, 187, 108 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(66, 187, 108)` looks like.

```
.text, #text, p{  
    color:rgb(66, 187, 108)  
}
```

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(66, 187, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 187, 108) }
```

Border

The CSS property to change the border of an element to RGB 66, 187, 108 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(66, 187, 108) }
```

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

```
.border{ border-color:rgb(66, 187, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 187, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 187, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 187, 108);  
box-shadow:4px 4px 4px 4px rgb(66, 187,  
108) }
```

Background

The CSS property to change the background color of an element to RGB 66, 187, 108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 187, 108) }
```

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

```
.background{ background-color: rgb(66, 187,  
108) }
```

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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