

Converting Colors

RGB(68, 192, 132)

Have a look what the booklet for
RGB(68, 192, 132) contains.

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Color

RGB(68, 192, 132)

Conversions

Conversions Part 1

Format	Color
Hex	44C084
RGB	68, 192, 132
RGB Percent	27%, 75%, 52%
CMY	0.7333, 0.2471, 0.4824
CMYK	0.65, 0.00, 0.31, 0.25
HSL	151°, 50%, 51%
HSV	151°, 65%, 75%
XYZ	25.3984, 40.5942, 28.3266
YIQ	148.0840, -54.6440, -44.9480

Conversions

Conversions Part 2

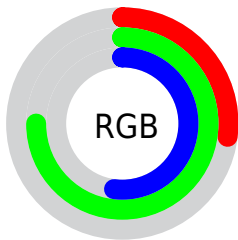
Format	Color
RYB	68, 150, 192
Decimal	4505732
CIELab	69.89, -48.17, 20.41
CIELCh	70, 52.313, 157.034
Yxy	40.5942, 0.2693, 0.4304
Android (android.graphics.Color)	4282695812 (0xFF44C084)
YUV	148.0840, -7.9294, -70.2337
Hunter-Lab	63.7135, -40.3425, 18.2395

Details

The RGB color **68, 192, 132** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **192, 68, 128**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **129, 249, 185**, and **0, 137, 82** is the 20% darker color. If you saturate the color by 10%, you get **49, 192, 123**, and if you desaturate by 10%, it is **87, 192, 141**.

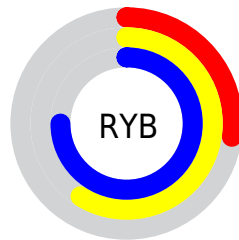
Distribution



Red (27%)

Green (75%)

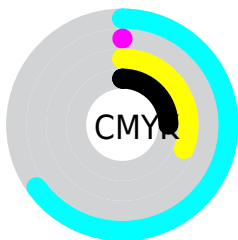
Blue (52%)



Red (27%)

Yellow (59%)

Blue (75%)

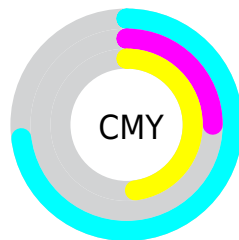


Cyan (65%)

Magenta (0%)

Yellow (31%)

Black (25%)



Cyan (73%)
















Magenta (25%)





Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 192, 132 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 68, 192, 132 by changing the saturation by 10% instead.

 68, 192, 132	 68, 192, 132
 255, 255, 255	 30, 164, 107
 129, 249, 185	 0, 137, 82
 158, 255, 213	 0, 111, 59
 187, 255, 242	 0, 86, 36
 217, 255, 255	 0, 61, 15
 247, 255, 255	 0, 40, 0
	 0, 0, 0

 68, 192, 132	 68, 192, 132
 49, 192, 123	 87, 192, 141

■ 30, 192, 113

■ 106, 192, 151

■ 10, 192, 104

■ 126, 192, 160

■ 0, 192, 99

■ 145, 192, 169

■ 164, 192, 178

■ 183, 192, 188

■ 202, 192, 197

■ 222, 192, 206

■ 241, 192, 216

Harmonies

Analogous

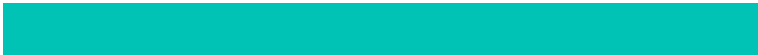
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137, 184, 92



68, 192, 132



0, 195, 181

Triad

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



68, 192, 132



108, 172, 255



254, 138, 116

Complementary

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



68, 192, 132



192, 68, 128

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, 130, 161



68, 192, 132



189, 154, 247

Square

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



68, 192, 132



0, 186, 255



238, 137, 209



228, 155, 83

Rectangle

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



68, 192, 132



0, 194, 212



238, 137, 209



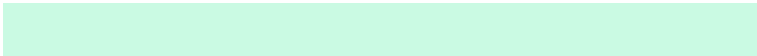
255, 134, 130

Sweetspot

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



68, 192, 132



202, 250, 227



130, 192, 68



96, 125, 111



252, 252, 252



125, 125, 125

Same Dimension

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



68, 192, 132



55, 250, 156



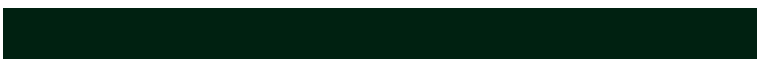
68, 192, 192



87, 97, 92



0, 161, 83



0, 33, 17

Inverse Universe

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



192, 68, 128



250, 55, 149



192, 68, 68



97, 87, 92



161, 0, 78



33, 0, 16

Previews

White Background



This preview shows how the RGB color 68, 192, 132 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 68, 192, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

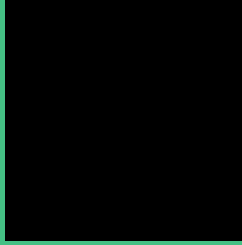
Any Text WCAG AA ✓ Pass

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 68, 192, 132 Background



This preview shows how black text looks on a background with the RGB color 68, 192, 132.

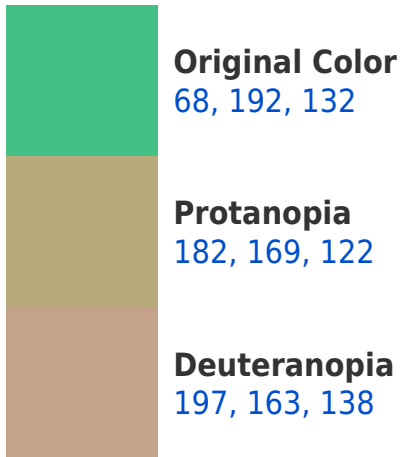


This preview shows how white text looks on a background with the RGB color 68, 192, 132.

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, 184, 198

Trichromacy



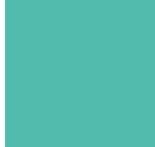
Original Color
68, 192, 132



Protanomaly
141, 177, 126



Deuteranomaly
150, 174, 136



Tritanomaly
83, 187, 174

Monochromacy



Original Color
68, 192, 132



Achromatopsia
148, 148, 148



Achromatomaly
119, 164, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 192, 132 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(68, 192, 132)` looks like.

```
.text, #text, p{  
    color:rgb(68, 192, 132)  
}
```

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(68, 192, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 192, 132) }
```

Border

The CSS property to change the border of an element to RGB 68, 192, 132 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(68, 192, 132) }
```

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

```
.border{ border-color:rgb(68, 192, 132) }
```

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

Here you see how a box with a 4 pixel rgb(68, 192, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 192, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 192, 132);  
box-shadow:4px 4px 4px 4px rgb(68, 192,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 68, 192, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 192, 132) }
```

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

```
.background{ background-color: rgb(68, 192,  
132) }
```

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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