

Converting Colors

RGB(52, 191, 132)

Have a look what the booklet for
RGB(52, 191, 132) contains.

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Color

RGB(52, 191, 132)

Conversions

Conversions Part 1

Format	Color
Hex	34BF84
RGB	52, 191, 132
RGB Percent	20%, 75%, 52%
CMY	0.7961, 0.2510, 0.4824
CMYK	0.73, 0.00, 0.31, 0.25
HSL	155°, 57%, 48%
HSV	155°, 73%, 75%
XYZ	24.2118, 39.6576, 28.2084
YIQ	142.7130, -63.9050, -47.8170

Conversions

Conversions Part 2

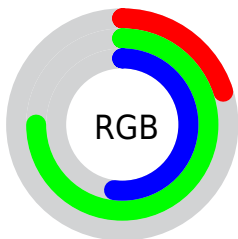
Format	Color
RYB	52, 140, 191
Decimal	3456900
CIELab	69.22, -50.39, 19.44
CIELCh	69, 54.013, 158.903
Yxy	39.6576, 0.2629, 0.4307
Android (android.graphics.Color)	4281646980 (0xFF34BF84)
YUV	142.7130, -5.2815, -79.5553
Hunter-Lab	62.9743, -41.5768, 17.5239

Details

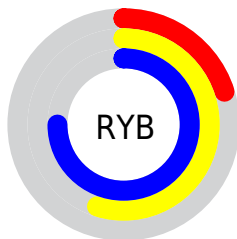
The RGB color **52, 191, 132** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **191, 52, 111**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **117, 248, 185**, and **0, 136, 82** is the 20% darker color. If you saturate the color by 10%, you get **33, 191, 124**, and if you desaturate by 10%, it is **71, 191, 140**.

Distribution



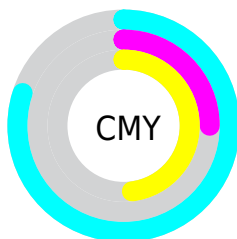
- Red (20%)
- Green (75%)
- Blue (52%)



- Red (20%)
- Yellow (55%)
- Blue (75%)



- Cyan (73%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)






















- Cyan (80%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 52, 191, 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 52, 191, 132 by changing the saturation by 10% instead.

 52, 191, 132	 52, 191, 132
 255, 255, 255	 0, 163, 107
 117, 248, 185	 0, 136, 82
 147, 255, 213	 0, 110, 59
 177, 255, 242	 0, 85, 36
 207, 255, 255	 0, 60, 15
 237, 255, 255	 0, 38, 0
	 0, 0, 0

 52, 191, 132	 52, 191, 132
 33, 191, 124	 71, 191, 140

■ 14, 191, 116

■ 90, 191, 148

■ 0, 191, 110

■ 109, 191, 156

■ 128, 191, 164

■ 147, 191, 173

■ 167, 191, 181

■ 186, 191, 189

■ 205, 191, 197

■ 224, 191, 205

Harmonies

Analogous

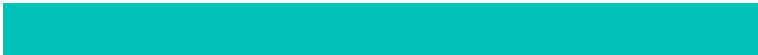
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



131, 184, 89



52, 191, 132



0, 194, 183

Triad

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



52, 191, 132



109, 169, 255



253, 136, 110

Complementary

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



52, 191, 132



191, 52, 111

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, 156



52, 191, 132



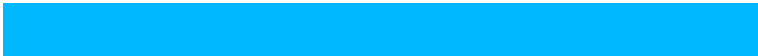
192, 150, 245

Square

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



52, 191, 132



0, 184, 255



240, 133, 205



225, 154, 76

Rectangle

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



52, 191, 132



0, 193, 215



240, 133, 205



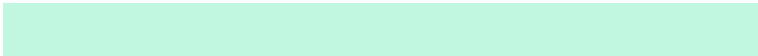
255, 131, 124

Sweetspot

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



52, 191, 132



193, 247, 224



112, 191, 52



92, 125, 111



252, 252, 252



125, 125, 125

Same Dimension

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



52, 191, 132



32, 247, 156



52, 182, 191



85, 94, 90



0, 158, 91



0, 31, 18

Inverse Universe

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



191, 52, 111



247, 32, 123



191, 61, 52



94, 85, 89



158, 0, 67



31, 0, 13

Previews

White Background



This preview shows how the RGB color 52, 191, 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 52, 191, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

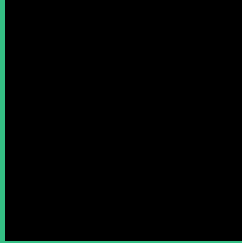
Any Text WCAG AA ✓ Pass

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 52, 191, 132 Background



This preview shows how black text looks on a background with the RGB color 52, 191, 132.

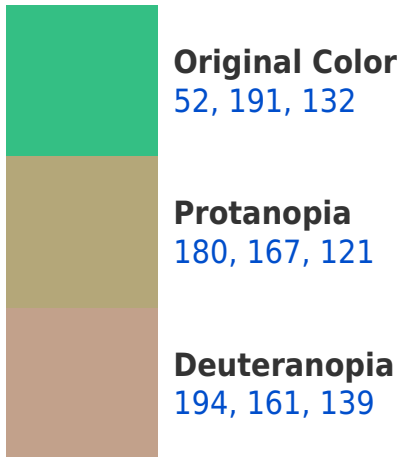


This preview shows how white text looks on a background with the RGB color 52, 191, 132.

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
81, 183, 198

Trichromacy



Original Color

52, 191, 132



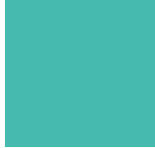
Protanomaly

133, 176, 125



Deuteranomaly

142, 172, 136



Tritanomaly

70, 186, 174

Monochromacy



Original Color

52, 191, 132



Achromatopsia

143, 143, 143



Achromatomaly

110, 160, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 52, 191, 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(52, 191, 132)` looks like.

```
.text, #text, p{  
    color:rgb(52, 191, 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(52, 191, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 191, 132) }
```

Border

The CSS property to change the border of an element to RGB 52, 191, 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(52, 191, 132) }
```

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

```
.border{ border-color:rgb(52, 191, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 191, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 191, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 191, 132);  
box-shadow:4px 4px 4px 4px rgb(52, 191,  
132) }
```

Background

The CSS property to change the background color of an element to RGB 52, 191, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 191, 132) }
```

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

```
.background{ background-color: rgb(52, 191,  
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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