

Converting Colors

RGB(57, 203, 153)

Have a look what the booklet for
RGB(57, 203, 153) contains.

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Color

RGB(57, 203, 153)

Conversions

Conversions Part 1

Format	Color
Hex	39CB99
RGB	57, 203, 153
RGB Percent	22%, 80%, 60%
CMY	0.7765, 0.2039, 0.4000
CMYK	0.72, 0.00, 0.25, 0.20
HSL	159°, 58%, 51%
HSV	159°, 72%, 80%
XYZ	28.7930, 45.8816, 37.4755
YIQ	153.6460, -70.9660, -46.5020

Conversions

Conversions Part 2

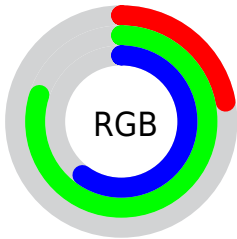
Format	Color
RYB	57, 145, 203
Decimal	3787673
CIELab	73.47, -49.84, 14.10
CIElCh	73, 51.791, 164.207
Yxy	45.8816, 0.2567, 0.4091
Android (android.graphics.Color)	4281977753 (0xFF39CB99)
YUV	153.6460, -0.3185, -84.7585
Hunter-Lab	67.7360, -42.6616, 14.6125

Details

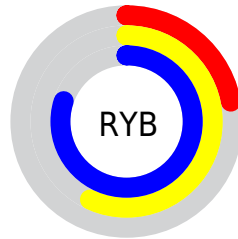
The RGB color **57, 203, 153** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **203, 57, 107**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **123, 255, 207**, and **0, 148, 102** is the 20% darker color. If you saturate the color by 10%, you get **37, 203, 146**, and if you desaturate by 10%, it is **77, 203, 160**.

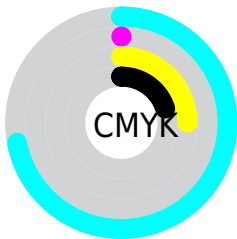
Distribution



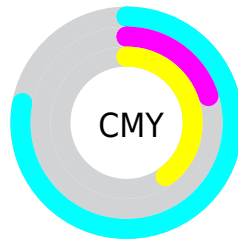
- Red (22%)
- Green (80%)
- Blue (60%)



- Red (22%)
- Yellow (57%)
- Blue (80%)



- Cyan (72%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (78%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RGB color 57, 203, 153 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 57, 203, 153 by changing the saturation by 10% instead.

 57, 203, 153

 57, 203, 153


255, 255, 255

 0, 175, 127

 123, 255, 207

 0, 148, 102

 153, 255, 236

 0, 121, 78

 184, 255, 255

 0, 95, 55

 214, 255, 255

 0, 70, 33

 244, 255, 255

 0, 48, 12

 0, 20, 0

 0, 0, 0

 57, 203, 153

 57, 203, 153

■ 37, 203, 146

■ 77, 203, 160

■ 16, 203, 139

■ 98, 203, 167

■ 0, 203, 133

■ 118, 203, 174

■ 138, 203, 181

■ 159, 203, 188

■ 179, 203, 195

■ 199, 203, 202

■ 219, 203, 209

■ 240, 203, 216

Harmonies

Analogous

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



134, 196, 110



57, 203, 153



0, 205, 202

Triad

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



57, 203, 153



142, 178, 255



255, 152, 116

Complementary

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



57, 203, 153



203, 57, 107

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, 141, 160



57, 203, 153



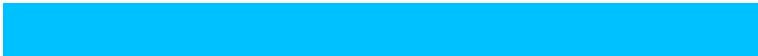
213, 159, 249

Square

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



57, 203, 153



0, 193, 255



255, 144, 208



230, 169, 88

Rectangle

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



57, 203, 153



0, 203, 232



255, 144, 208



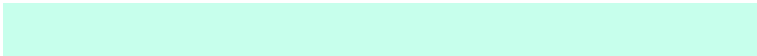
255, 147, 130

Sweetspot

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



57, 203, 153



199, 255, 236



108, 203, 57



94, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



57, 203, 153



36, 255, 180



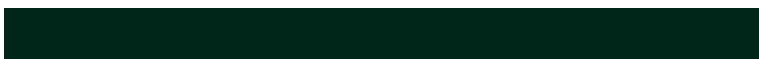
57, 181, 203



92, 102, 99



0, 166, 109



0, 38, 25

Inverse Universe

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



203, 57, 107



255, 36, 111



203, 79, 57



102, 92, 95



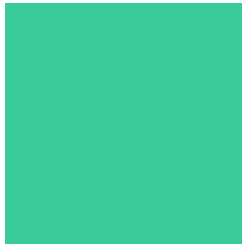
166, 0, 57



38, 0, 13

Previews

White Background



This preview shows how the RGB color 57, 203, 153 looks on a white background.

Color Contrast Check

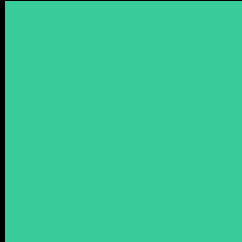
Large Text (above 18pt) WCAG AA × Fail

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 57, 203, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

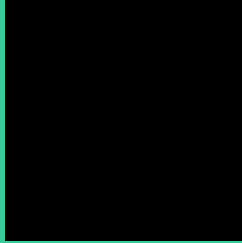
Any Text WCAG AA ✓ Pass

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 57, 203, 153 Background



This preview shows how black text looks on a background with the RGB color 57, 203, 153.

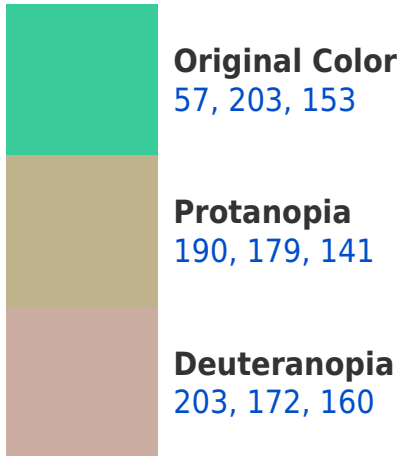


This preview shows how white text looks on a background with the RGB color 57, 203, 153.

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
84, 195, 211

Trichromacy



Original Color

57, 203, 153



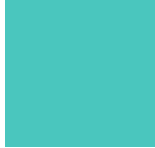
Protanomaly

142, 188, 145



Deuteranomaly

150, 183, 157



Tritanomaly

74, 198, 190

Monochromacy



Original Color

57, 203, 153



Achromatopsia

154, 154, 154



Achromatomaly

119, 172, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 57, 203, 153 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(57, 203, 153)` looks like.

```
.text, #text, p{  
    color:rgb(57, 203, 153)  
}
```

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(57, 203, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 203, 153) }
```

Border

The CSS property to change the border of an element to RGB 57, 203, 153 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(57, 203, 153) }
```

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

```
.border{ border-color:rgb(57, 203, 153) }
```

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

Here you see how a box with a 4 pixel rgb(57, 203, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 203, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 203, 153);  
box-shadow:4px 4px 4px 4px rgb(57, 203,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 57, 203, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 203, 153) }
```

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

```
.background{ background-color: rgb(57, 203,  
153) }
```

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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