

Converting Colors

RGB(57, 198, 158)

Have a look what the booklet for
RGB(57, 198, 158) contains.

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Color

RGB(57, 198, 158)

Conversions

Conversions Part 1

Format	Color
Hex	39C69E
RGB	57, 198, 158
RGB Percent	22%, 78%, 62%
CMY	0.7765, 0.2235, 0.3804
CMYK	0.71, 0.00, 0.20, 0.22
HSL	163°, 55%, 50%
HSV	163°, 71%, 78%
XYZ	28.0530, 43.7266, 39.3093
YIQ	151.2810, -71.1960, -42.3320

Conversions

Conversions Part 2

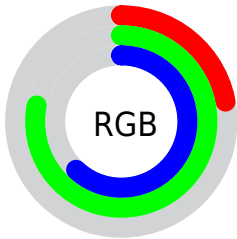
Format	Color
RYB	57, 139, 198
Decimal	3786398
CIELab	72.05, -46.60, 9.39
CIElCh	72, 47.541, 168.606
Yxy	43.7266, 0.2525, 0.3936
Android (android.graphics.Color)	4281976478 (0xFF39C69E)
YUV	151.2810, 3.3125, -82.6844
Hunter-Lab	66.1261, -39.9949, 11.0428

Details

The RGB color **57, 198, 158** 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 **198, 57, 97**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **122, 255, 213**, and **0, 143, 107** is the 20% darker color. If you saturate the color by 10%, you get **37, 198, 152**, and if you desaturate by 10%, it is **77, 198, 164**.

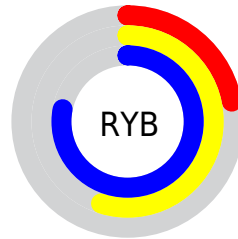
Distribution



Red (22%)

Green (78%)

Blue (62%)



Red (22%)

Yellow (55%)

Blue (78%)

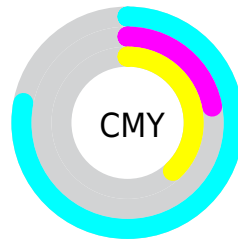


Cyan (71%)

Magenta (0%)

Yellow (20%)

Black (22%)



Cyan (78%)



















Magenta (22%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 57, 198, 158 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, 198, 158 by changing the saturation by 10% instead.

 57, 198, 158	 57, 198, 158
 255, 255, 255	 0, 170, 132
 122, 255, 213	 0, 143, 107
 153, 255, 241	 0, 117, 82
 183, 255, 255	 0, 91, 59
 213, 255, 255	 0, 66, 38
 243, 255, 255	 0, 44, 17
	 0, 14, 0
	 0, 0, 0
 57, 198, 158	 57, 198, 158

■ 37, 198, 152

■ 77, 198, 164

■ 17, 198, 147

■ 97, 198, 169

■ 0, 198, 142

■ 116, 198, 175

■ 136, 198, 180

■ 156, 198, 186

■ 176, 198, 192

■ 196, 198, 197

■ 215, 198, 203

■ 235, 198, 209

Harmonies

Analogous

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



127, 193, 117



57, 198, 158



0, 199, 203

Triad

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



57, 198, 158



154, 172, 255



247, 153, 113

Complementary

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



57, 198, 158



198, 57, 97

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, 142, 151



57, 198, 158



214, 155, 234

Square

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



57, 198, 158



61, 186, 255



249, 143, 195



218, 168, 90

Rectangle

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



57, 198, 158



0, 197, 230



249, 143, 195



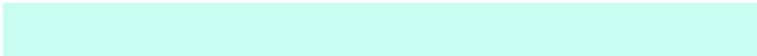
253, 148, 125

Sweetspot

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



57, 198, 158



201, 255, 240



99, 198, 57



96, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



57, 198, 158



38, 255, 194



57, 170, 198



90, 99, 97



0, 163, 117



0, 36, 26

Inverse Universe

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



198, 57, 97



255, 38, 100



198, 85, 57



99, 90, 92



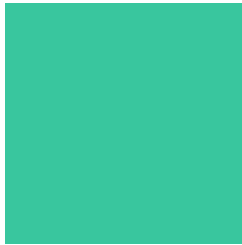
163, 0, 46



36, 0, 10

Previews

White Background



This preview shows how the RGB color 57, 198, 158 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, 198, 158 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

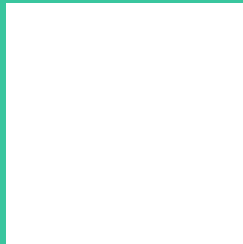
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 57, 198, 158 Background



This preview shows how black text looks on a background with the RGB color 57, 198, 158.

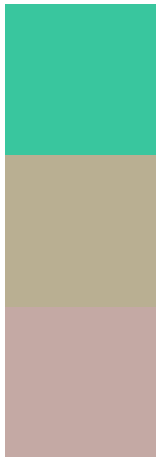


This preview shows how white text looks on a background with the RGB color 57, 198, 158.

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](#).

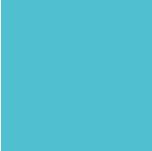
Dichromacy



Original Color
57, 198, 158

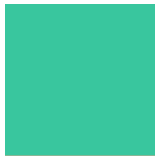
Protanopia
185, 175, 146

Deuteranopia
196, 169, 164



Tritanopia
80, 191, 207

Trichromacy



Original Color

57, 198, 158



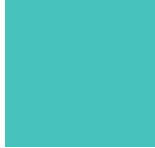
Protanomaly

138, 183, 150



Deuteranomaly

145, 180, 162



Tritanomaly

72, 194, 189

Monochromacy



Original Color

57, 198, 158



Achromatopsia

151, 151, 151



Achromatomaly

117, 168, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 57, 198, 158 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, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(57, 198, 158)  
}
```

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, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 198, 158) }
```

Border

The CSS property to change the border of an element to RGB 57, 198, 158 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, 198, 158) }
```

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

```
.border{ border-color:rgb(57, 198, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 198, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 198, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 198, 158); box-shadow:4px 4px 4px 4px rgb(57, 198, 158) }
```

Background

The CSS property to change the background color of an element to RGB 57, 198, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 198, 158) }
```

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

```
.background{ background-color: rgb(57, 198,  
158) }
```

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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