

Converting Colors

RGB(57, 202, 244)

Have a look what the booklet for
RGB(57, 202, 244) contains.

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Color

RGB(57, 202, 244)

Conversions

Conversions Part 1

Format	Color
Hex	39CAF4
RGB	57, 202, 244
RGB Percent	22%, 79%, 96%
CMY	0.7765, 0.2078, 0.0431
CMYK	0.77, 0.17, 0.00, 0.04
HSL	193°, 89%, 59%
HSV	193°, 77%, 96%
XYZ	39.1370, 49.6426, 93.1072
YIQ	163.4330, -99.9020, -17.6780

Conversions

Conversions Part 2

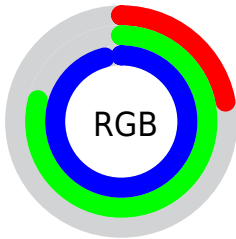
Format	Color
RYB	57, 139, 244
Decimal	3787508
CIELab	75.85, -23.92, -31.47
CIELCh	76, 39.532, 232.761
Yxy	49.6426, 0.2152, 0.2729
Android (android.graphics.Color)	4281977588 (0xFF39CAF4)
YUV	163.4330, 39.7195, -93.3417
Hunter-Lab	70.4575, -24.1492, -29.0295

Details

The RGB color **57, 202, 244** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **244, 99, 57**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **131, 255, 255**, and **0, 148, 188** is the 20% darker color. If you saturate the color by 10%, you get **33, 197, 244**, and if you desaturate by 10%, it is **81, 207, 244**.

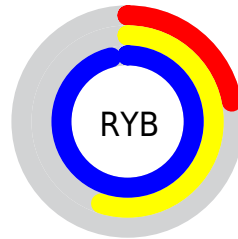
Distribution



Red (22%)

Green (79%)

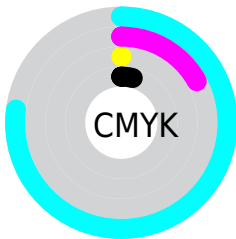
Blue (96%)



Red (22%)

Yellow (55%)

Blue (96%)

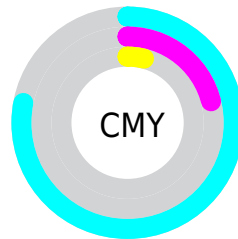


Cyan (77%)

Magenta (17%)

Yellow (0%)

Black (4%)



Cyan (78%)

















Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 57, 202, 244 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, 202, 244 by changing the saturation by 10% instead.

 57, 202, 244	 57, 202, 244
 255, 255, 255	 0, 174, 215
 131, 255, 255	 0, 148, 188
 163, 255, 255	 0, 122, 161
 194, 255, 255	 0, 97, 134
 226, 255, 255	 0, 73, 109
	 0, 50, 84
	 0, 31, 61
	 0, 3, 39
	 0, 1, 16

■ 57, 202, 244

■ 57, 202, 244

■ 33, 197, 244

■ 81, 207, 244

■ 8, 191, 244

■ 106, 213, 244

■ 0, 189, 244

■ 130, 218, 244

■ 155, 224, 244

■ 179, 229, 244

■ 203, 235, 244

■ 228, 240, 244

■ 252, 246, 244

■ 255, 251, 244

Harmonies

Analogous

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



45, 206, 214



57, 202, 244



119, 193, 255

Triad

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



57, 202, 244



252, 159, 197



183, 193, 118

Complementary

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



57, 202, 244



244, 99, 57

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.



219, 182, 114



57, 202, 244



255, 160, 161

Square

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



57, 202, 244



225, 168, 232



246, 169, 130



141, 202, 142

Rectangle

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



57, 202, 244



160, 185, 255



246, 169, 130



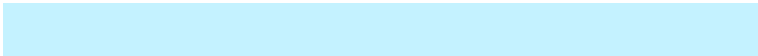
196, 190, 115

Sweetspot

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



57, 202, 244



196, 242, 255



57, 244, 98



92, 119, 128



0, 0, 0



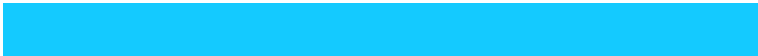
128, 128, 128

Same Dimension

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



57, 202, 244



20, 202, 255



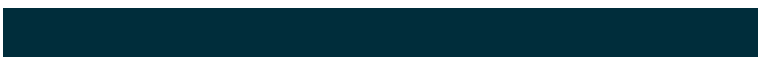
57, 110, 244



110, 120, 122



0, 144, 186



0, 45, 59

Inverse Universe

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



244, 57, 202



255, 20, 202



244, 191, 57



122, 110, 120



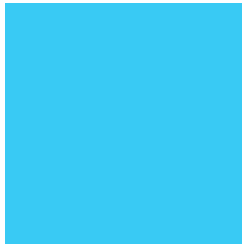
186, 0, 144



59, 0, 45

Previews

White Background



This preview shows how the RGB color 57, 202, 244 looks on a white background.

Color Contrast Check

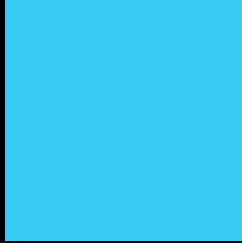
Large Text (above 18pt) WCAG AA × Fail

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, 202, 244 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, 202, 244 Background



This preview shows how black text looks on a background with the RGB color 57, 202, 244.

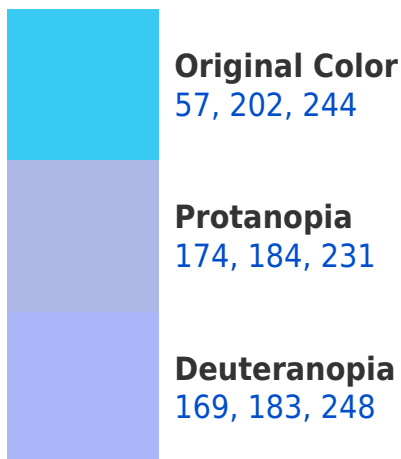


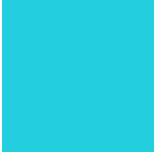
This preview shows how white text looks on a background with the RGB color 57, 202, 244.

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
35, 206, 222

Trichromacy



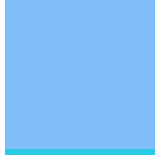
Original Color

57, 202, 244



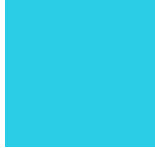
Protanomaly

131, 191, 236



Deuteranomaly

128, 190, 247



Tritanomaly

43, 205, 230

Monochromacy



Original Color

57, 202, 244



Achromatopsia

163, 163, 163



Achromatomaly

124, 177, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 57, 202, 244 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, 202, 244)` looks like.

```
.text, #text, p{  
    color:rgb(57, 202, 244)  
}
```

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, 202, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 202, 244) }
```

Border

The CSS property to change the border of an element to RGB 57, 202, 244 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, 202, 244) }
```

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

```
.border{ border-color:rgb(57, 202, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 202, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 202, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 202, 244);  
box-shadow:4px 4px 4px 4px rgb(57, 202,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 57, 202, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 202, 244) }
```

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

```
.background{ background-color: rgb(57, 202,  
244) }
```

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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