Converting Colors

RGB(58, 193, 245)

Have a look what the booklet for RGB(58, 193, 245) contains.

Color

RGB(58, 193, 245)

Conversions

Conversions Part 1

Format	Color
Hex	3AC1F5
RGB	58, 193, 245
RGB Percent	23%, 76%, 96%
CMY	0.7725, 0.2431, 0.0392
CMYK	0.76, 0.21, 0.00, 0.04
HSL	197°, 90%, 59%
HSV	197°, 76%, 96%
XYZ	37.2963, 45.6320, 93.2283
YIQ	158.5630, -97.1520, -12.4480

Conversions

Conversions Part 2

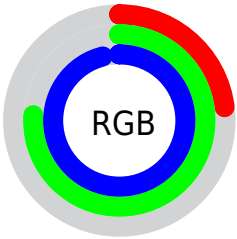
Format	Color
RYB	58, 136, 245
Decimal	3850741
CIELab	73.31, -18.89, -35.94
CIELCh	73, 40.599, 242.278
Yxy	45.6320, 0.2117, 0.2590
Android (android.graphics.Color)	4282040821 (0xFF3AC1F5)
YUV	158.5630, 42.6134, -88.1938
Hunter-Lab	67.5515, -19.6623, -34.5405

Details

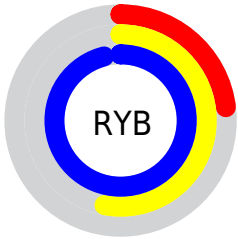
The RGB color 58, 193, 245 is a light color, and the websafe version is hex 33CCFF. The color can be described as light washed cyan. A complement of this color would be 245, 110, 58, and the grayscale version is 158, 158, 158.

A 20% lighter version of the original color is 131, 250, 255, and 0, 139, 189 is the 20% darker color. If you saturate the color by 10%, you get 33, 186, 245, and if you desaturate by 10%, it is 82, 200, 245.

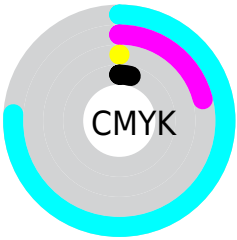
Distribution



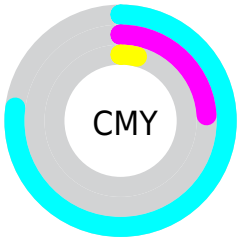
- Red (23%)
- Green (76%)
- Blue (96%)



- Red (23%)
- Yellow (53%)
- Blue (96%)



- Cyan (76%)
- Magenta (21%)
- Yellow (0%)
- Black (4%)



- Cyan (77%)
- Magenta (24%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 58, 193, 245 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 58, 193, 245 by changing the saturation by 10% instead.

58, 193, 245

255, 255, 255

131, 250, 255

163, 255, 255

194, 255, 255

225, 255, 255

58, 193, 245

0, 166, 216

0, 139, 189

0, 114, 161

0, 89, 135

0, 66, 109

0, 44, 85

0, 23, 61

0, 3, 39

0, 1, 16

58, 193, 245

33, 186, 245

9, 179, 245

0, 177, 245

58, 193, 245

82, 200, 245

107, 207, 245

132, 213, 245

156, 220, 245

180, 227, 245

205, 234, 245

229, 241, 245

254, 248, 245

255, 254, 245

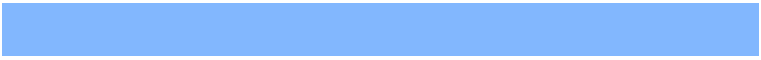
Harmonies

Analogous

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

0, 199, 219

58, 193, 245



130, 183, 254

Triad

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

58, 193, 245

250, 151, 179

162, 190, 116

Complementary

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

58, 193, 245

245, 110, 58

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.

202, 179, 105

58, 193, 245

250, 155, 142

Square

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

58, 193, 245

229, 157, 215

232, 166, 115

117, 197, 144

Rectangle

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

58, 193, 245

170, 174, 249

232, 166, 115

176, 186, 110

Sweetspot

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

58, 193, 245

196, 239, 255

58, 245, 108

92, 118, 128

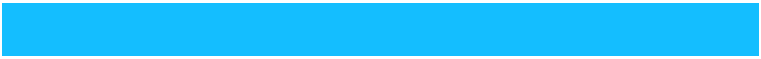
0, 0, 0

128, 128, 128

Same Dimension

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

58, 193, 245



20, 190, 255

58, 102, 245

110, 119, 122

0, 134, 186

0, 42, 59

Inverse Universe

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

245, 58, 193

255, 20, 190

245, 201, 58

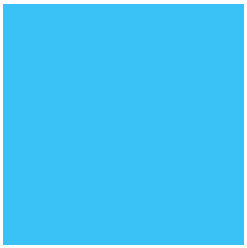
122, 110, 119

186, 0, 134

59, 0, 42

Previews

White Background

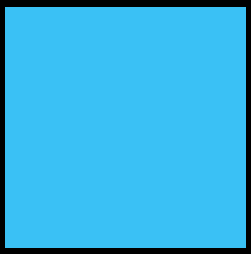


This preview shows how the RGB color 58, 193, 245 looks on a white background.

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



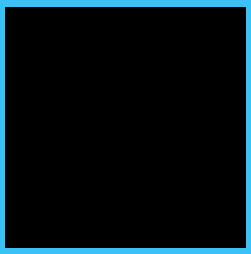
This preview shows how the RGB color 58, 193, 245 looks on a black background.

Color Contrast Check

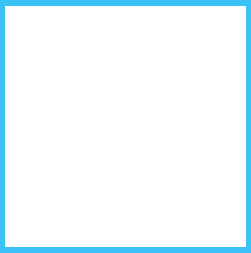
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 58, 193, 245 Background



This preview shows how black text looks on a background with the RGB color 58, 193, 245.



This preview shows how white text looks on a background with the RGB color 58, 193, 245.

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

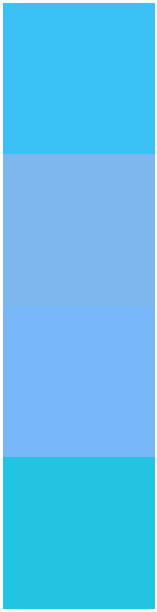
Original Color
58, 193, 245

Protanopia
164, 177, 233

Deuteranopia
155, 177, 249

Tritanopia
22, 198, 215

Trichromacy



Original Color
58, 193, 245

Protanomaly
125, 183, 237

Deuteranomaly
120, 183, 248

Tritanomaly
35, 196, 226

Monochromacy

Original Color
58, 193, 245

Achromatopsia
159, 159, 159

Achromatomaly
122, 171, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 193, 245 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(58, 193, 245) looks like.

```
.text, #text, p{
    color:rgb(58, 193, 245)
}
```

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(58, 193, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 193, 245) }
```

Border

The CSS property to change the border of an element to RGB 58, 193, 245 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(58, 193, 245) }
```

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

```
.border{ border-color:rgb(58, 193, 245) }
```

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

Here you see how a box with a 4 pixel rgb(58, 193, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(58, 193, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(58, 193, 245); box-shadow:4px 4px 4px 4px rgb(58, 193, 245) }
```

Background

The CSS property to change the background color of an element to RGB 58, 193, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(58, 193, 245) }
```

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

```
.background{ background-color:rgb(58, 193,
245) }
```

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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