

Converting Colors

RGB(58, 207, 228)

Have a look what the booklet for
RGB(58, 207, 228) contains.

RGB(58, 207, 228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(58, 207, 228)

Conversions

Conversions Part 1

Format	Color
Hex	3ACFE4
RGB	58, 207, 228
RGB Percent	23%, 81%, 89%
CMY	0.7725, 0.1882, 0.1059
CMYK	0.75, 0.09, 0.00, 0.11
HSL	187°, 76%, 56%
HSV	187°, 75%, 89%
XYZ	38.0613, 51.1266, 81.2612
YIQ	164.8430, -95.5450, -25.0570

Conversions

Conversions Part 2

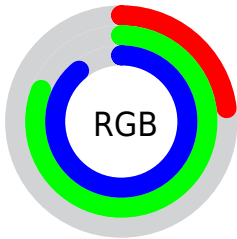
Format	Color
R _Y B	58, 137, 228
Decimal	3854308
CIE Lab	76.76, -31.27, -21.49
CIE LCh	77, 37.941, 214.501
Yxy	51.1266, 0.2233, 0.3000
Android (android.graphics.Color)	4282044388 (0xFF3ACFE4)
YUV	164.8430, 31.1364, -93.7013
Hunter-Lab	71.5029, -30.1136, -17.3295

Details

The RGB color **58, 207, 228** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **228, 79, 58**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **130, 255, 255**, and **0, 152, 173** is the 20% darker color. If you saturate the color by 10%, you get **35, 204, 228**, and if you desaturate by 10%, it is **81, 210, 228**.

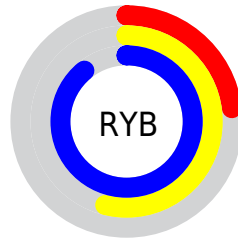
Distribution



Red (23%)

Green (81%)

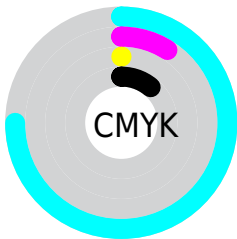
Blue (89%)



Red (23%)

Yellow (54%)

Blue (89%)

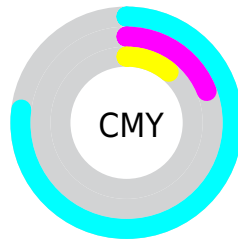


Cyan (75%)

Magenta (9%)

Yellow (0%)

Black (11%)



Cyan (77%)
















Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 58, 207, 228 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, 207, 228 by changing the saturation by 10% instead.

 58, 207, 228	 58, 207, 228
255, 255, 255	 0, 179, 200
 130, 255, 255	 0, 152, 173
 162, 255, 255	 0, 126, 146
 193, 255, 255	 0, 101, 120
 224, 255, 255	 0, 76, 95
255, 255, 255	 0, 53, 72
	 0, 33, 49
	 0, 2, 28
	 0, 0, 0

■ 58, 207, 228

■ 58, 207, 228

■ 35, 204, 228

■ 81, 210, 228

■ 12, 201, 228

■ 104, 213, 228

■ 0, 200, 228

■ 126, 215, 228

■ 149, 218, 228

■ 172, 221, 228

■ 195, 224, 228

■ 218, 227, 228

■ 240, 230, 228

■ 255, 232, 228

Harmonies

Analogous

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



84, 208, 194



58, 207, 228



92, 201, 252

Triad

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



58, 207, 228



238, 167, 220



208, 189, 119

Complementary

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



58, 207, 228



228, 79, 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.



238, 177, 127



58, 207, 228



255, 162, 185

Square

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



58, 207, 228



201, 178, 247



255, 166, 151



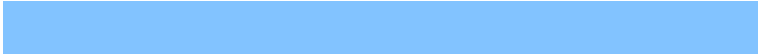
170, 199, 130

Rectangle

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



58, 207, 228



130, 195, 255



255, 166, 151



219, 185, 119

Sweetspot

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



58, 207, 228



199, 248, 255



58, 228, 78



94, 123, 128



0, 0, 0



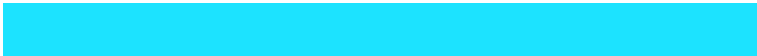
128, 128, 128

Same Dimension

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



58, 207, 228



28, 227, 255



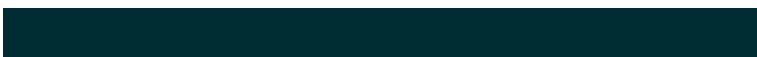
58, 123, 228



103, 113, 115



0, 156, 179



0, 45, 51

Inverse Universe

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



228, 58, 207



255, 28, 227



228, 163, 58



115, 103, 113



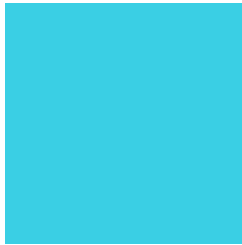
179, 0, 156



51, 0, 45

Previews

White Background



This preview shows how the RGB color 58, 207, 228 looks on a white background.

Color Contrast Check

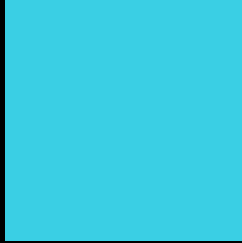
Large Text (above 18pt) WCAG AA × Fail

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, 207, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

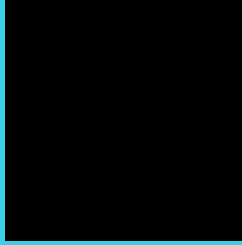
Any Text WCAG AA ✓ Pass

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, 207, 228 Background



This preview shows how black text looks on a background with the RGB color 58, 207, 228.



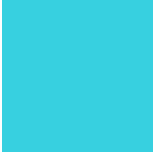
This preview shows how white text looks on a background with the RGB color 58, 207, 228.

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
55, 208, 224

Trichromacy



Original Color

58, 207, 228



Protanomaly

138, 194, 219



Deuteranomaly

138, 192, 231



Tritanomaly

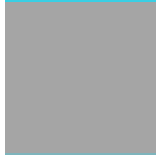
56, 208, 225

Monochromacy



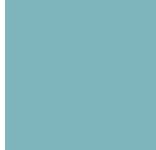
Original Color

58, 207, 228



Achromatopsia

165, 165, 165



Achromatomaly

126, 180, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 207, 228 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, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(58, 207, 228)  
}
```

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, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 207, 228) }
```

Border

The CSS property to change the border of an element to RGB 58, 207, 228 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, 207, 228) }
```

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

```
.border{ border-color:rgb(58, 207, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 207, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 207, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 207, 228);  
box-shadow:4px 4px 4px 4px rgb(58, 207,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 58, 207, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 207, 228) }
```

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

```
.background{ background-color: rgb(58, 207,  
228) }
```

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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