

Converting Colors

RGB(58, 169, 239)

Have a look what the booklet for
RGB(58, 169, 239) contains.

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Color

RGB(58, 169, 239)

Conversions

Conversions Part 1

Format	Color
Hex	3AA9EF
RGB	58, 169, 239
RGB Percent	23%, 66%, 94%
CMY	0.7725, 0.3373, 0.0627
CMYK	0.76, 0.29, 0.00, 0.06
HSL	203°, 85%, 58%
HSV	203°, 76%, 94%
XYZ	31.5129, 35.5075, 86.8541
YIQ	143.7910, -88.6260, -1.7620

Conversions

Conversions Part 2

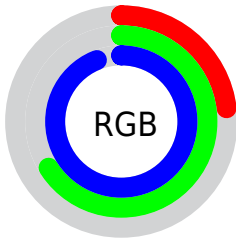
Format	Color
R _Y B	58, 127, 239
Decimal	3844591
CIE Lab	66.14, -8.00, -43.86
CIE LCh	66, 44.584, 259.665
Yxy	35.5075, 0.2048, 0.2308
Android (android.graphics.Color)	4282034671 (0xFF3AA9EF)
YUV	143.7910, 46.9380, -75.2387
Hunter-Lab	59.5881, -9.8805, -44.7078

Details

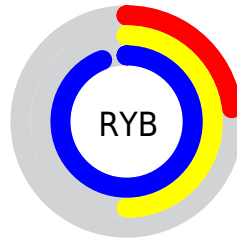
The RGB color **58, 169, 239** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **239, 128, 58**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **129, 224, 255**, and **0, 117, 183** is the 20% darker color. If you saturate the color by 10%, you get **34, 160, 239**, and if you desaturate by 10%, it is **82, 178, 239**.

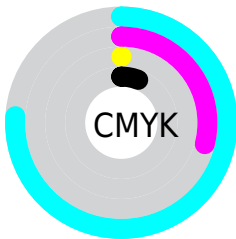
Distribution



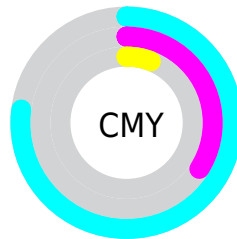
- Red (23%)
- Green (66%)
- Blue (94%)



- Red (23%)
- Yellow (50%)
- Blue (94%)



- Cyan (76%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)




















- Cyan (77%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 58, 169, 239 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, 169, 239 by changing the saturation by 10% instead.

 58, 169, 239	 58, 169, 239
 255, 255, 255	 0, 143, 210
 129, 224, 255	 0, 117, 183
 160, 253, 255	 0, 93, 155
 191, 255, 255	 0, 69, 129
 222, 255, 255	 0, 48, 104
 253, 255, 255	 0, 28, 79
	 0, 5, 56
	 0, 2, 33
	 0, 0, 7

■ 58, 169, 239

■ 58, 169, 239

■ 34, 160, 239

■ 82, 178, 239

■ 10, 151, 239

■ 106, 187, 239

■ 0, 147, 239

■ 130, 197, 239

■ 154, 206, 239

■ 177, 215, 239

■ 201, 224, 239

■ 225, 234, 239

■ 249, 243, 239

■ 255, 252, 239

Harmonies

Analogous

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



0, 178, 221



58, 169, 239



143, 156, 236

Triad

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



58, 169, 239



237, 129, 136



113, 176, 107

Complementary

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



58, 169, 239



239, 128, 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.



159, 167, 83



58, 169, 239



225, 139, 101

Square

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



58, 169, 239



228, 129, 176



197, 154, 81



46, 181, 145

Rectangle

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



58, 169, 239



181, 145, 223



197, 154, 81



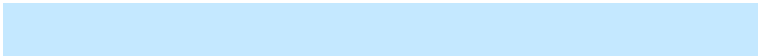
129, 173, 97

Sweetspot

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



58, 169, 239



196, 232, 255



58, 239, 127



92, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



58, 169, 239



23, 165, 255



58, 79, 239



108, 115, 120



0, 113, 184



0, 34, 56

Inverse Universe

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



239, 58, 169



255, 23, 165



239, 218, 58



120, 108, 115



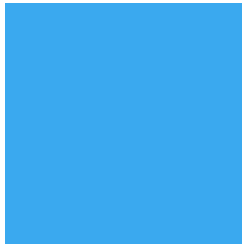
184, 0, 113



56, 0, 34

Previews

White Background



This preview shows how the RGB color 58, 169, 239 looks on a white background.

Color Contrast Check

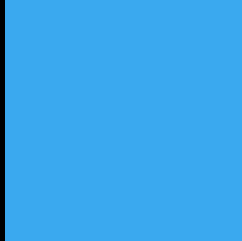
Large Text (above 18pt) WCAG AA × Fail

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, 169, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

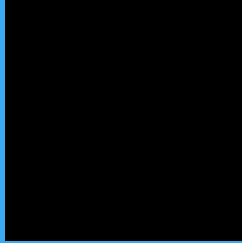
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

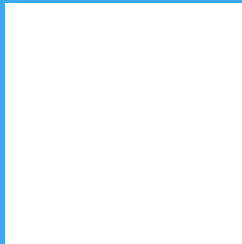
Any Text WCAG AAA ✓ Pass

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

RGB 58, 169, 239 Background



This preview shows how black text looks on a background with the RGB color 58, 169, 239.

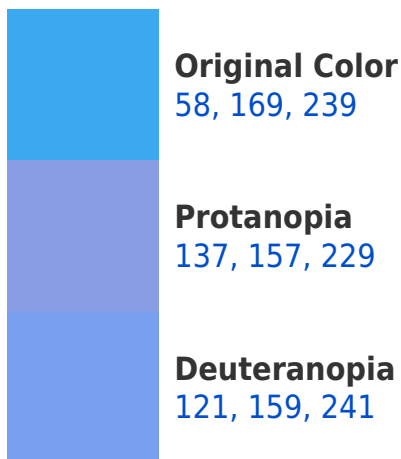


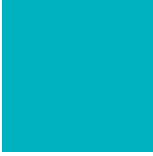
This preview shows how white text looks on a background with the RGB color 58, 169, 239.

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
0, 177, 192

Trichromacy



Original Color
58, 169, 239

Protanomaly
108, 161, 233

Deuteranomaly
98, 163, 240

Tritanomaly
21, 174, 209

Monochromacy



Original Color
58, 169, 239

Achromatopsia
144, 144, 144

Achromatomaly
113, 153, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 169, 239 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, 169, 239) looks like.

```
.text, #text, p{  
    color:rgb(58, 169, 239)  
}
```

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, 169, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 169, 239) }
```

Border

The CSS property to change the border of an element to RGB 58, 169, 239 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, 169, 239) }
```

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

```
.border{ border-color:rgb(58, 169, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 169, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 169, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 169, 239);  
box-shadow:4px 4px 4px 4px rgb(58, 169,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 58, 169, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 169, 239) }
```

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

```
.background{ background-color: rgb(58, 169,  
239) }
```

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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