

Converting Colors

Hex(59B9F0)

Have a look what the booklet for
Hex(59B9F0) contains.

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Color

Hex(59B9F0)

Conversions

Conversions Part 1

Format	Color
Hex	59B9F0
RGB	89, 185, 240
RGB Percent	35%, 73%, 94%
CMY	0.6510, 0.2745, 0.0588
CMYK	0.63, 0.23, 0.00, 0.06
HSL	202°, 83%, 65%
HSV	202°, 63%, 94%
XYZ	37.1970, 43.1130, 88.7992
YIQ	162.5660, -74.8710, -3.2470

Conversions

Conversions Part 2

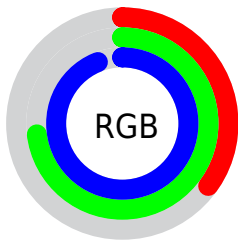
Format	Color
R _Y B	89, 148, 240
Decimal	5880304
CIE Lab	71.63, -11.99, -35.77
CIE LCh	72, 37.727, 251.464
Yxy	43.1130, 0.2200, 0.2549
Android (android.graphics.Color)	4284070384 (0xFF59B9F0)
YUV	162.5660, 38.1750, -64.5174
Hunter-Lab	65.6605, -13.7849, -34.2214

Details

The Hex color **59B9F0** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **F09059**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **97F1FF**, and **0084B8** is the 20% darker color. If you saturate the color by 10%, you get **41B0F0**, and if you desaturate by 10%, it is **71C2F0**.

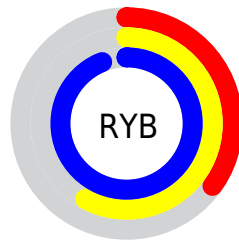
Distribution



Red (35%)

Green (73%)

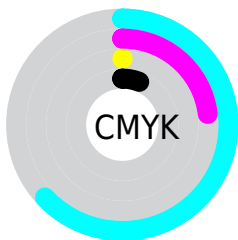
Blue (94%)



Red (35%)

Yellow (58%)

Blue (94%)

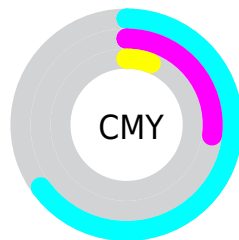


Cyan (63%)

Magenta (23%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (27%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B9F0 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 Hex color 59B9F0 by changing the saturation by 10% instead.

 59B9F0

 59B9F0

FFFFFF

 359ED4

 97F1FF

 0084B8

 B5FFFF

 006B9D

 D4FFFF

 005382

 F2FFFF

 003C69

 002650

 001039

 000223

 00000A

■ 59B9F0

■ 59B9F0

■ 41B0F0

■ 71C2F0

■ 29A8F0

■ 89CAF0

■ 119FF0

■ A1D3F0

■ 0099F0

■ B9DCF0

■ D1E5F0

■ E9EDF0

■ FFF6F0

■ FFFFF0

Harmonies

Analogous

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



25C0DC



59B9F0



94AEF3

Triad

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



59B9F0



F395A3



93BB7B

Complementary

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



59B9F0



F09059

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.



B9B26B



59B9F0



ED9B84

Square

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



59B9F0



E598C6



D9A66F



69C098

Rectangle

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



59B9F0



B6A6EA



D9A66F



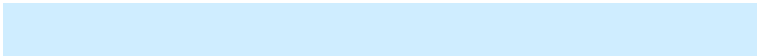
A1B874

Sweetspot

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



59B9F0



CFEDFF



59F08E



627580



000000



808080

Same Dimension

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



59B9F0



3DB8FF



5970F0



6C7378



0075B8



002438

Inverse Universe

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



F059B9



FF3DB8



F0D959



786C73



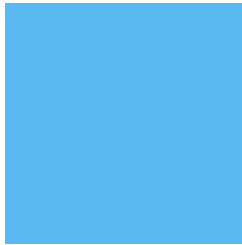
B80075



380024

Previews

White Background



This preview shows how the Hex color 59B9F0 looks on a white background.

Color Contrast Check

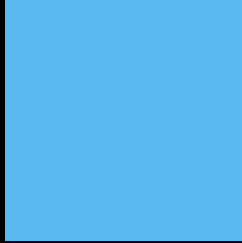
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 59B9F0 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

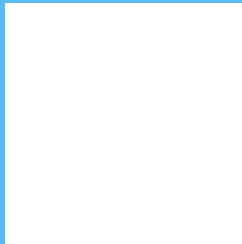
Any Text WCAG AAA ✓ Pass

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

Hex 59B9F0 Background



This preview shows how black text looks on a background with the Hex color 59B9F0.

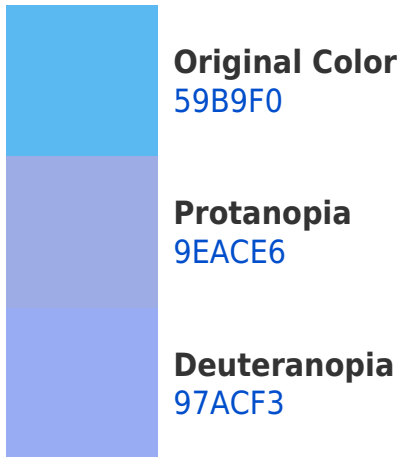


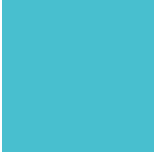
This preview shows how white text looks on a background with the Hex color 59B9F0.

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](#).

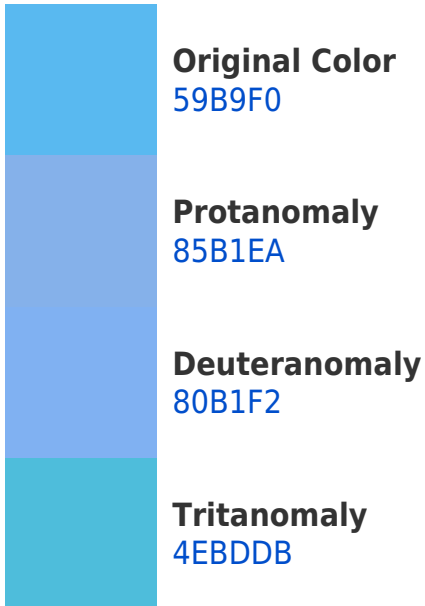
Dichromacy



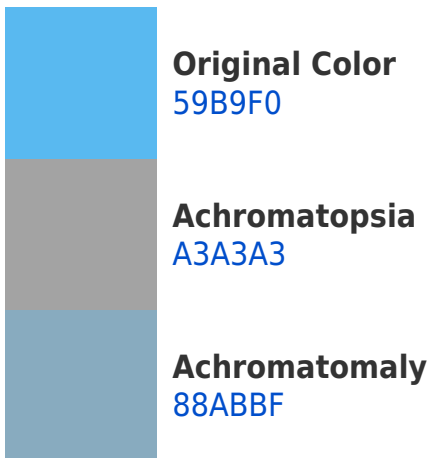


Tritanopia
48BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B9F0 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 #59B9F0 looks like.

```
.text, #text, p{  
    color:#59B9F0  
}
```

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 #59B9F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B9F0
}
```

Border

The CSS property to change the border of an element to Hex 59B9F0 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
#59B9F0 }
```

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

```
.border{ border-color:#59B9F0 }
```

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

Here you see how a box with a 4 pixel #59B9F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B9F0; -webkit-box-shadow:4px 4px  
4px 4px #59B9F0; box-shadow:4px 4px 4px  
4px #59B9F0 }
```

Background

The CSS property to change the background color of an element to Hex 59B9F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B9F0 }
```

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

```
.background{ background-color:#59B9F0 }
```

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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