

Converting Colors

Hex(56B1F0)

Have a look what the booklet for
Hex(56B1F0) contains.

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Color

Hex(56B1F0)

Conversions

Conversions Part 1

Format	Color
Hex	56B1F0
RGB	86, 177, 240
RGB Percent	34%, 69%, 94%
CMY	0.6627, 0.3059, 0.0588
CMYK	0.64, 0.26, 0.00, 0.06
HSL	205°, 84%, 64%
HSV	205°, 64%, 94%
XYZ	35.2881, 39.7140, 88.2438
YIQ	156.9730, -74.4590, 0.3010

Conversions

Conversions Part 2

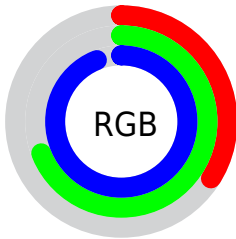
Format	Color
R _Y B	86, 143, 240
Decimal	5681648
CIE Lab	69.27, -8.16, -39.46
CIE LCh	69, 40.294, 258.316
Yxy	39.7140, 0.2162, 0.2433
Android (android.graphics.Color)	4283871728 (0xFF56B1F0)
YUV	156.9730, 40.9323, -62.2433
Hunter-Lab	63.0190, -10.3306, -38.9088

Details

The Hex color **56B1F0** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **F09556**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **95E9FF**, and **007DB8** is the 20% darker color. If you saturate the color by 10%, you get **3EA7F0**, and if you desaturate by 10%, it is **6EBBF0**.

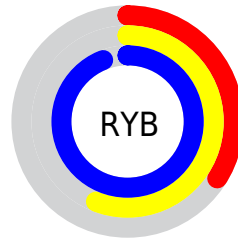
Distribution



Red (34%)

Green (69%)

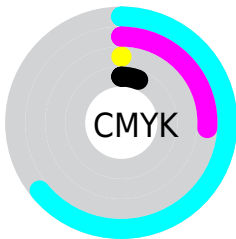
Blue (94%)



Red (34%)

Yellow (56%)

Blue (94%)

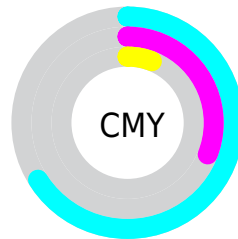


Cyan (64%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (66%)

Magenta (31%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Hex color 56B1F0 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 56B1F0 by changing the saturation by 10% instead.

 56B1F0

 56B1F0

FFFFFF

 3196D3

 95E9FF

 007DB8

 B3FFFF

 00649D

 D1FFFF

 004C82

 F0FFFF

 003669

 002150

 000539

 000223

 000009

■ 56B1F0

■ 56B1F0

■ 3EA7F0

■ 6EBBF0

■ 269DF0

■ 86C5F0

■ 0E94F0

■ 9ECEFO

■ 008EF0

■ B6D8F0

■ CEE2F0

■ E6ECFO

■ FEF6F0

■ FFFFF0

Harmonies

Analogous

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



00B9DF



56B1F0



98A5EE

Triad

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



56B1F0



F08D94



81B777

Complementary

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



56B1F0



F09556

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.



AAAE62



56B1F0



E69574

Square

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



56B1F0



E78EB9



CDA261



4FBC99

Rectangle

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



56B1F0



BA9CE3



CDA261



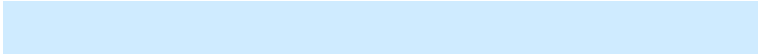
8FB46E

Sweetspot

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



56B1F0



CFEBFF



56F094



627480



000000



808080

Same Dimension

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



56B1F0



3BAFFF



5665F0



6C7378



006CB8



002138

Inverse Universe

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



F056B1



FF3BAF



F0E156



786C73



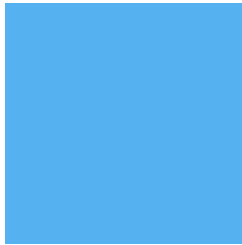
B8006C



380021

Previews

White Background



This preview shows how the Hex color 56B1F0 looks on a white background.

Color Contrast Check

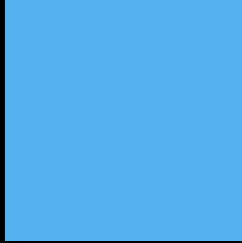
Large Text (above 18pt) WCAG AA × Fail

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 56B1F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

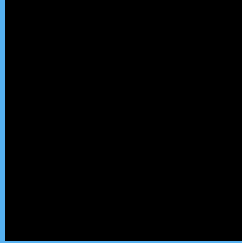
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

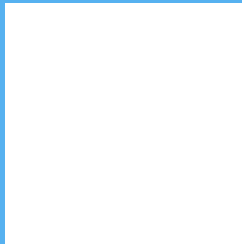
Any Text WCAG AAA ✓ Pass

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

Hex 56B1F0 Background



This preview shows how black text looks on a background with the Hex color 56B1F0.

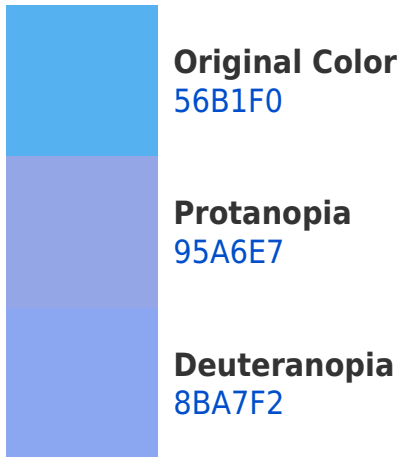


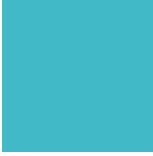
This preview shows how white text looks on a background with the Hex color 56B1F0.

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](#).

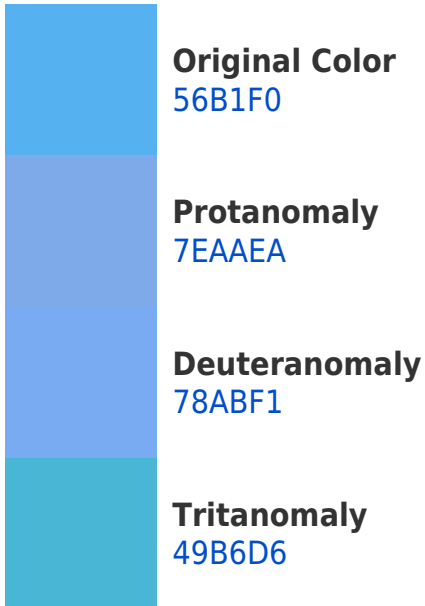
Dichromacy



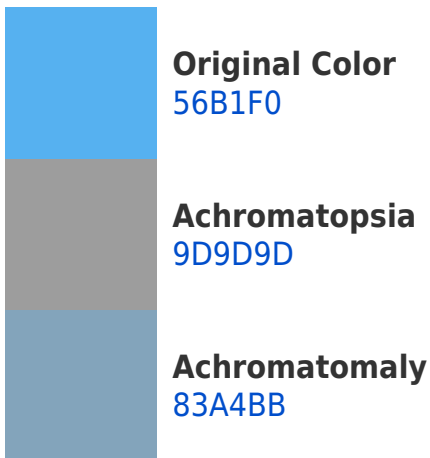


Tritanopia
41B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56B1F0 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 #56B1F0 looks like.

```
.text, #text, p{  
    color:#56B1F0  
}
```

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 #56B1F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B1F0
}
```

Border

The CSS property to change the border of an element to Hex 56B1F0 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
#56B1F0 }
```

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

```
.border{ border-color:#56B1F0 }
```

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

Here you see how a box with a 4 pixel #56B1F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B1F0; -webkit-box-shadow:4px 4px  
4px 4px #56B1F0; box-shadow:4px 4px 4px  
4px #56B1F0 }
```

Background

The CSS property to change the background color of an element to Hex 56B1F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B1F0 }
```

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

```
.background{ background-color:#56B1F0 }
```

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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