

Converting Colors

Hex(5B8DF0)

Have a look what the booklet for
Hex(5B8DF0) contains.

Hex(5B8DF0)	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

Hex(5B8DF0)

Conversions

Conversions Part 1

Format	Color
Hex	5B8DF0
RGB	91, 141, 240
RGB Percent	36%, 55%, 94%
CMY	0.6431, 0.4471, 0.0588
CMYK	0.62, 0.41, 0.00, 0.06
HSL	220°, 83%, 65%
HSV	220°, 62%, 94%
XYZ	29.5674, 27.5652, 86.2003
YIQ	137.3360, -61.5790, 20.1890

Conversions

Conversions Part 2

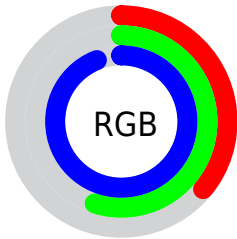
Format	Color
RYB	91, 128, 240
Decimal	6000112
CIELab	59.49, 13.38, -54.86
CIELCh	59, 56.465, 283.711
Yxy	27.5652, 0.2063, 0.1923
Android (android.graphics.Color)	4284190192 (0xFF5B8DF0)
YUV	137.3360, 50.6134, -40.6367
Hunter-Lab	52.5025, 8.6450, -60.5924

Details

The Hex color **5B8DF0** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **F0BE5B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **98C2FF**, and **005CB7** is the 20% darker color. If you saturate the color by 10%, you get **437DF0**, and if you desaturate by 10%, it is **739DF0**.

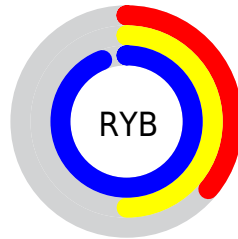
Distribution



Red (36%)

Green (55%)

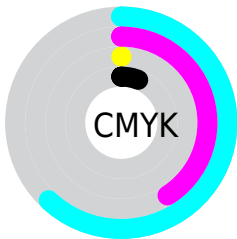
Blue (94%)



Red (36%)

Yellow (50%)

Blue (94%)

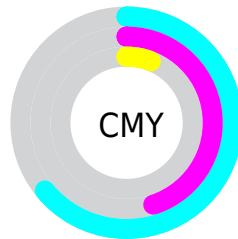


Cyan (62%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (45%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8DF0 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 5B8DF0 by changing the saturation by 10% instead.

■ 5B8DF0

■ 5B8DF0

FFFFFF

■ 3874D3

■ 98C2FF

■ 005CB7

■ B7DEFF

■ 00459C

■ D5FAFF

■ 002F81

■ F3FFFF

■ 001C68

■ 00014F

■ 000537

■ 000221

■ 000005

■ 5B8DF0

■ 5B8DF0

■ 437DF0

■ 739DF0

■ 2B6DF0

■ 8BADF0

■ 135DF0

■ A3BDF0

■ 0051F0

■ BBCDF0

■ D3DDF0

■ EBEDF0

■ FFFDF0

■ FFFFF0

Harmonies

Analogous

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



009CEE



5B8DF0



AF78D8

Triad

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



5B8DF0



DF6F4D



00A572

Complementary

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



5B8DF0



F0BE5B

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.



5C9F43



5B8DF0



C0832B

Square

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



5B8DF0



EA627A



949425



00A7A5

Rectangle

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



5B8DF0



D06BBC



949425



17A461

Sweetspot

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



5B8DF0



CFDFFF



5BF0BC



626C80



000000



808080

Same Dimension

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



5B8DF0



4080FF



715BF0



6C7078



003EB8



001338

Inverse Universe

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



F05B8D



FF4080



DAF05B



786C70



B8003E



380013

Previews

White Background



This preview shows how the Hex color 5B8DF0 looks on a white background.

Color Contrast Check

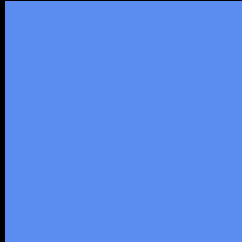
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B8DF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

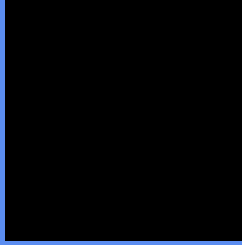
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

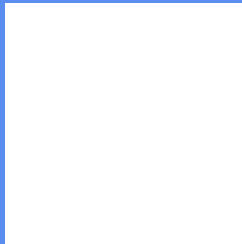
Any Text WCAG AAA × Fail

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

Hex 5B8DF0 Background



This preview shows how black text looks on a background with the Hex color 5B8DF0.



This preview shows how white text looks on a background with the Hex color 5B8DF0.

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
5B8DF0

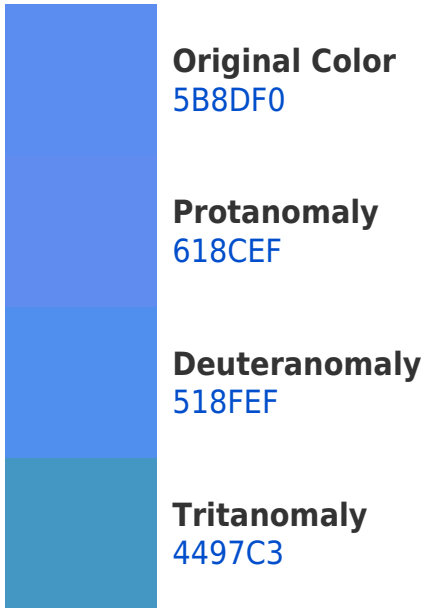
Protanopia
658BEE

Deuteranopia
4C90EF



Tritanopia
379CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8DF0 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 #5B8DF0 looks like.

```
.text, #text, p{  
    color:#5B8DF0  
}
```

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 #5B8DF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8DF0
}
```

Border

The CSS property to change the border of an element to Hex 5B8DF0 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
#5B8DF0 }
```

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

```
.border{ border-color:#5B8DF0 }
```

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

Here you see how a box with a 4 pixel #5B8DF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8DF0; -webkit-box-shadow:4px 4px  
4px 4px #5B8DF0; box-shadow:4px 4px 4px  
4px #5B8DF0 }
```

Background

The CSS property to change the background color of an element to Hex 5B8DF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8DF0 }
```

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

```
.background{ background-color:#5B8DF0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor