

Converting Colors

Hex(5BC0FC)

Have a look what the booklet for
Hex(5BC0FC) contains.

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Color

Hex(5BC0FC)

Conversions

Conversions Part 1

Format	Color
Hex	5BC0FC
RGB	91, 192, 252
RGB Percent	36%, 75%, 99%
CMY	0.6431, 0.2471, 0.0118
CMYK	0.64, 0.24, 0.00, 0.01
HSL	202°, 96%, 67%
HSV	202°, 64%, 99%
XYZ	40.7347, 46.9517, 99.0111
YIQ	168.6410, -79.4560, -2.7520

Conversions

Conversions Part 2

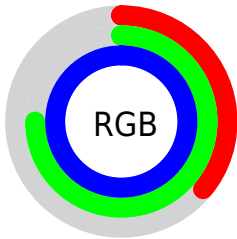
Format	Color
R _Y B	91, 153, 252
Decimal	6013180
CIE Lab	74.16, -11.64, -38.32
CIE LCh	74, 40.046, 253.100
Yxy	46.9517, 0.2182, 0.2515
Android (android.graphics.Color)	4284203260 (0xFF5BC0FC)
YUV	168.6410, 41.0960, -68.0912
Hunter-Lab	68.5213, -13.7972, -37.7072

Details

The Hex color **5BC0FC** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FC975B**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9AF8FF**, and **008BC3** is the 20% darker color. If you saturate the color by 10%, you get **42B7FC**, and if you desaturate by 10%, it is **74C9FC**.

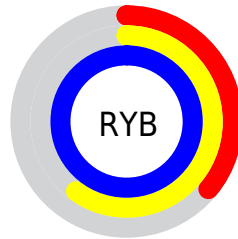
Distribution



Red (36%)

Green (75%)

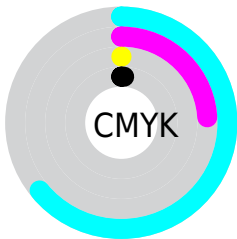
Blue (99%)



Red (36%)

Yellow (60%)

Blue (99%)

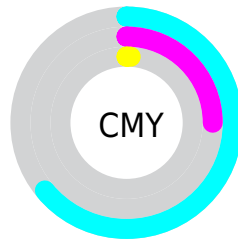


Cyan (64%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (64%)

Magenta (25%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC0FC 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 5BC0FC by changing the saturation by 10% instead.

 5BC0FC

 5BC0FC

FFFFFF

 36A5DF

 9AF8FF

 008BC3

 B9FFFF

 0071A8

 D8FFFF

 00598D

 F6FFFF

 004273

 002C5A

 001842

 00032C

 000116

■ 5BC0FC

■ 5BC0FC

■ 42B7FC

■ 74C9FC

■ 29ADFC

■ 8DD3FC

■ 0FA4FC

■ A7DCFC

■ 009EFC

■ C0E6FC

■ D9EFC

■ F2F8FC

FFFC

Harmonies

Analogous

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



15C7E7



5BC0FC



9BB4FE

Triad

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



5BC0FC



FE9AA7



96C37F

Complementary

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



5BC0FC



FC975B

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.



BFB96E



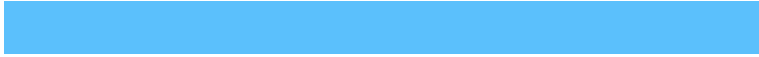
5BC0FC



F7A186

Square

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



5BC0FC



F19CCD



E1AD70



67C9A0

Rectangle

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



5BC0FC



C0ABF4



E1AD70



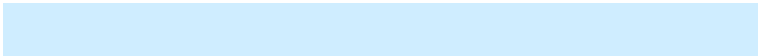
A4C077

Sweetspot

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



5BC0FC



CFEDFF



5BFC96



627580



000000



808080

Same Dimension

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



5BC0FC



3BB6FF



5B70FC



70787D



0076BD



00263D

Inverse Universe

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



FC5BC0



FF3BB6



FCE75B



7D7078



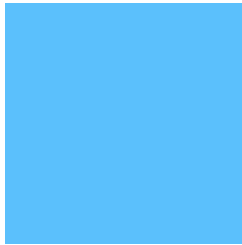
BD0076



3D0026

Previews

White Background



This preview shows how the Hex color 5BC0FC looks on a white background.

Color Contrast Check

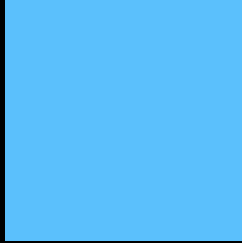
Large Text (above 18pt) WCAG AA × Fail

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 5BC0FC 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

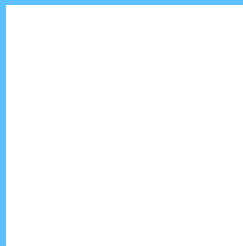
Any Text WCAG AAA ✓ Pass

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

Hex 5BC0FC Background



This preview shows how black text looks on a background with the Hex color 5BC0FC.



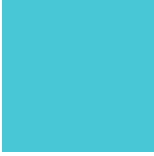
This preview shows how white text looks on a background with the Hex color 5BC0FC.

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](#).

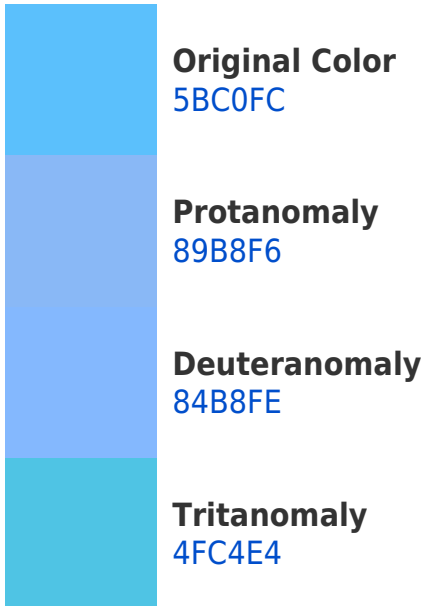
Dichromacy



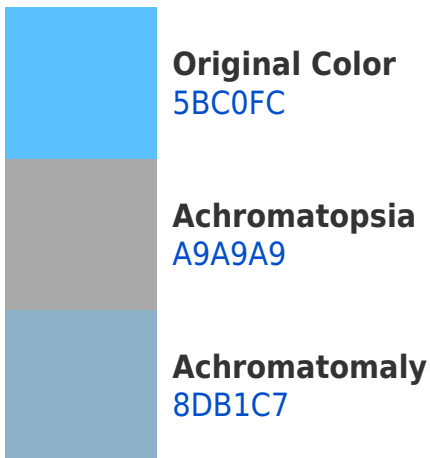


Tritanopia
48C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC0FC 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 #5BC0FC looks like.

```
.text, #text, p{  
    color:#5BC0FC  
}
```

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 #5BC0FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC0FC
}
```

Border

The CSS property to change the border of an element to Hex 5BC0FC 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
#5BC0FC }
```

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

```
.border{ border-color:#5BC0FC }
```

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

Here you see how a box with a 4 pixel #5BC0FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC0FC; -webkit-box-shadow:4px 4px  
4px 4px #5BC0FC; box-shadow:4px 4px 4px  
4px #5BC0FC }
```

Background

The CSS property to change the background color of an element to Hex 5BC0FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC0FC }
```

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

```
.background{ background-color:#5BC0FC }
```

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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