

Converting Colors

Hex(66C0FB)

Have a look what the booklet for
Hex(66C0FB) contains.

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Color

Hex(66C0FB)

Conversions

Conversions Part 1

Format	Color
Hex	66C0FB
RGB	102, 192, 251
RGB Percent	40%, 75%, 98%
CMY	0.6000, 0.2471, 0.0157
CMYK	0.59, 0.24, 0.00, 0.02
HSL	204°, 95%, 69%
HSV	204°, 59%, 98%
XYZ	41.7417, 47.4891, 98.2331
YIQ	171.8160, -72.5790, -0.7310

Conversions

Conversions Part 2

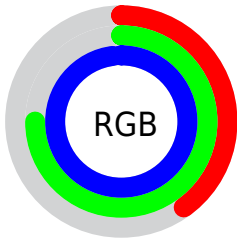
Format	Color
RYB	102, 158, 251
Decimal	6734075
CIELab	74.50, -10.04, -37.22
CIELCh	75, 38.547, 254.907
Yxy	47.4891, 0.2227, 0.2533
Android (android.graphics.Color)	4284924155 (0xFF66C0FB)
YUV	171.8160, 39.0377, -61.2286
Hunter-Lab	68.9123, -12.4752, -36.2780

Details

The Hex color **66C0FB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FBA166**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A3F8FF**, and **178BC2** is the 20% darker color. If you saturate the color by 10%, you get **4DB6FB**, and if you desaturate by 10%, it is **7FCAFB**.

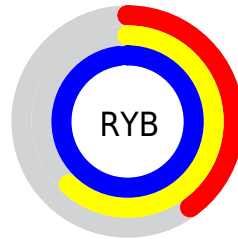
Distribution



Red (40%)

Green (75%)

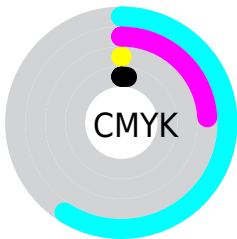
Blue (98%)



Red (40%)

Yellow (62%)

Blue (98%)

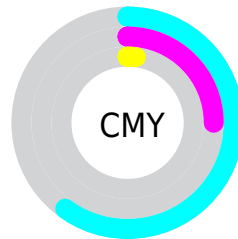


Cyan (59%)

Magenta (24%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (25%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66C0FB 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 66C0FB by changing the saturation by 10% instead.

 66C0FB

 66C0FB

FFFFFF

 45A5DE

 A3F8FF

 178BC2

 C1FFFF

 0071A7

 E0FFFF

 00598C


FEFFFF

 004272

 002C5A

 001842

 00032B

 000115

■ 66C0FB

■ 66C0FB

■ 4DB6FB

■ 7FCAFB

■ 34ACFB

■ 98D4FB

■ 1BA2FB

■ B1DEFB

■ 0298FB

■ CAE8FB

■ 0098FB

■ E4F2FB

■ FDFCFB

■ FFFFFB

Harmonies

Analogous

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



30C7E8



66C0FB



A1B5FC

Triad

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



66C0FB



FD9CA7



95C484

Complementary

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



66C0FB



FBA166

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.



BDBB72



66C0FB



F5A387

Square

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



66C0FB



F19ECB



DFAF73



69C9A4

Rectangle

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



66C0FB



C3ACF1



DFAF73



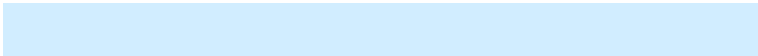
A3C17C

Sweetspot

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



66C0FB



D1EDFF



66FB9F



637480



000000



808080

Same Dimension

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



66C0FB



4AB7FF



6677FB



70787D



0072BD



00253D

Inverse Universe

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



FB66C0



FF4AB7



FBEA66



7D7078



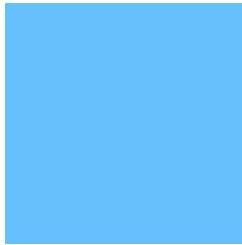
BD0072



3D0025

Previews

White Background



This preview shows how the Hex color 66C0FB looks on a white background.

Color Contrast Check

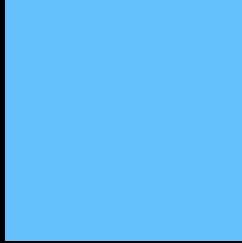
Large Text (above 18pt) WCAG AA × Fail

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 66C0FB 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

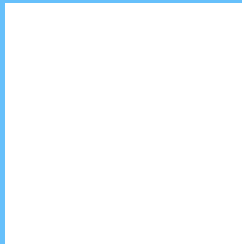
Any Text WCAG AAA ✓ Pass

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

Hex 66C0FB Background



This preview shows how black text looks on a background with the Hex color 66C0FB.



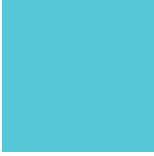
This preview shows how white text looks on a background with the Hex color 66C0FB.

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](#).

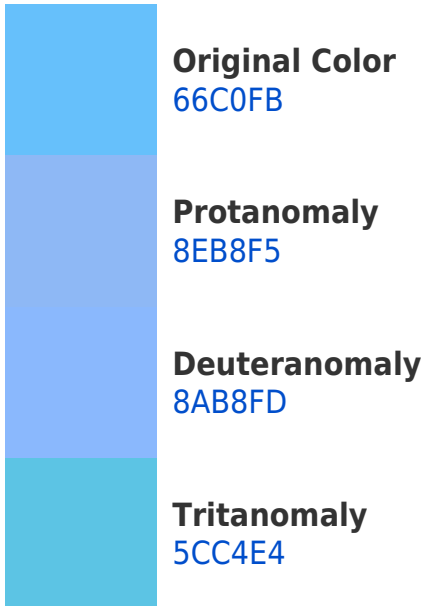
Dichromacy



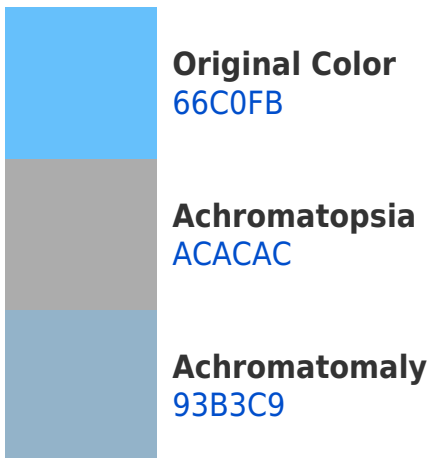


Tritanopia
56C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66C0FB 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 #66C0FB looks like.

```
.text, #text, p{  
    color:#66C0FB  
}
```

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 #66C0FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C0FB
}
```

Border

The CSS property to change the border of an element to Hex 66C0FB 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
#66C0FB }
```

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

```
.border{ border-color:#66C0FB }
```

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

Here you see how a box with a 4 pixel #66C0FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C0FB; -webkit-box-shadow:4px 4px  
4px 4px #66C0FB; box-shadow:4px 4px 4px  
4px #66C0FB }
```

Background

The CSS property to change the background color of an element to Hex 66C0FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C0FB }
```

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

```
.background{ background-color:#66C0FB }
```

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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