

# Converting Colors

Hex(66C3FB)

Have a look what the booklet for  
Hex(66C3FB) contains.

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# **Color**

**Hex(66C3FB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66C3FB
RGB	102, 195, 251
RGB Percent	40%, 76%, 98%
CMY	0.6000, 0.2353, 0.0157
CMYK	0.59, 0.22, 0.00, 0.02
HSL	203°, 95%, 69%
HSV	203°, 59%, 98%
XYZ	42.4072, 48.8200, 98.4549
YIQ	173.5770, -73.4040, -2.3000

# Conversions

## Conversions Part 2

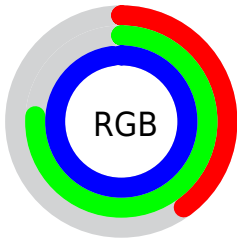
Format	Color
R <sub>Y</sub> B	102, 159, 251
Decimal	6734843
CIE Lab	75.34, -11.64, -35.92
CIE LCh	75, 37.757, 252.046
Yxy	48.8200, 0.2236, 0.2574
Android (android.graphics.Color)	4284924923 (0xFF66C3FB)
YUV	173.5770, 38.1695, -62.7730
Hunter-Lab	69.8713, -13.9374, -34.6349

# Details

The Hex color **66C3FB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FB9E66**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A3FBFF**, and **168DC2** is the 20% darker color. If you saturate the color by 10%, you get **4DBAFB**, and if you desaturate by 10%, it is **7FCCFB**.

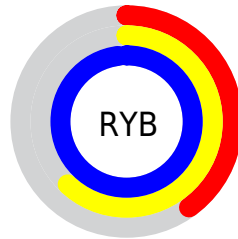
# Distribution



Red (40%)

Green (76%)

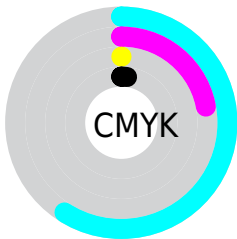
Blue (98%)



Red (40%)

Yellow (62%)

Blue (98%)

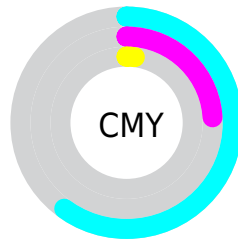


Cyan (59%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (60%)

Magenta (24%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66C3FB 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 66C3FB by changing the saturation by 10% instead.



 66C3FB

 66C3FB

FFFFFF

 45A8DE

 A3FBFF

 168DC2

 C1FFFF

 0074A7

 E0FFFF

 005B8C

FEFFFF

 004473

 002E5A

 001A42

 00032B

 000116

■ 66C3FB

■ 66C3FB

■ 4DBAFB

■ 7FCCFB

■ 34B0FB

■ 98D6FB

■ 1BA7FB

■ B1DFFB

■ 029DFB

■ CAE9FB

■ 009DFB

■ E4F2FB

■ FDFCFB

■ FFFFFB

# Harmonies

## Analogous

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



38CAE7



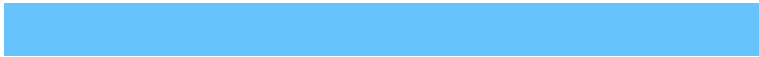
66C3FB



9FB8FD

# Triad

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



66C3FB



FE9FAD



9CC585

# Complementary

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



66C3FB



FB9E66

# 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.



C3BC75



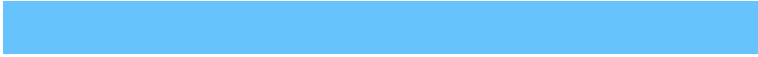
66C3FB



F8A58D

# Square

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



66C3FB



F0A2D0



E3B078



72CBA3

# Rectangle

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



66C3FB



C1B0F5



E3B078

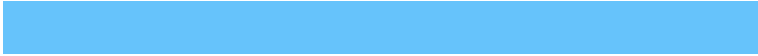


AAC27D

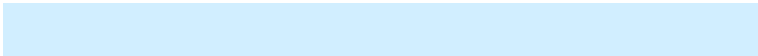


# Sweetspot

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



66C3FB



D1EEFF



66FB9D



637580



000000



808080



# Same Dimension

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



66C3FB



4ABBFF



667AFB



70787D



0076BD



00263D



# Inverse Universe

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



FB66C3



FF4ABB



FBE766



7D7078



BD0076

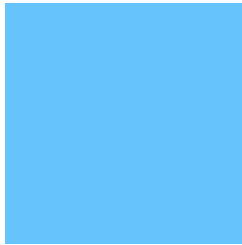


3D0026



# Previews

## White Background



This preview shows how the Hex color 66C3FB looks on a white background.

## Color Contrast Check

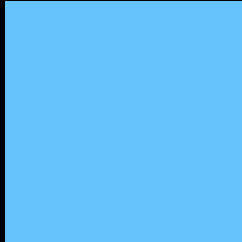
Large Text (above 18pt) WCAG AA × Fail

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 66C3FB 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

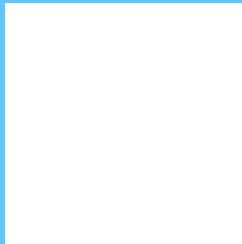
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 66C3FB Background



This preview shows how black text looks on a background with the Hex color 66C3FB.

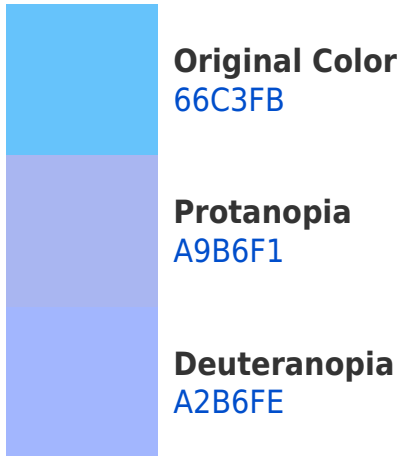


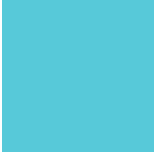
This preview shows how white text looks on a background with the Hex color 66C3FB.

# 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](#).

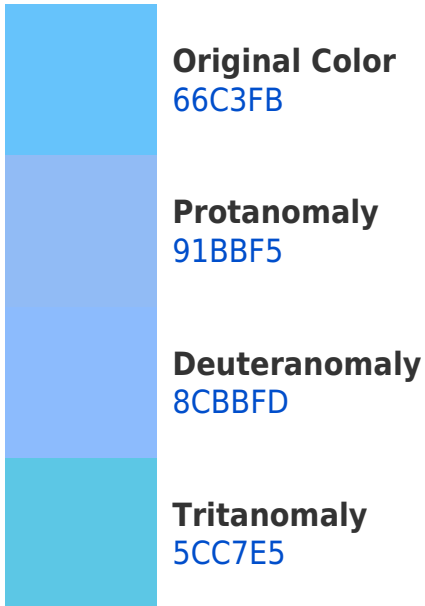
## Dichromacy



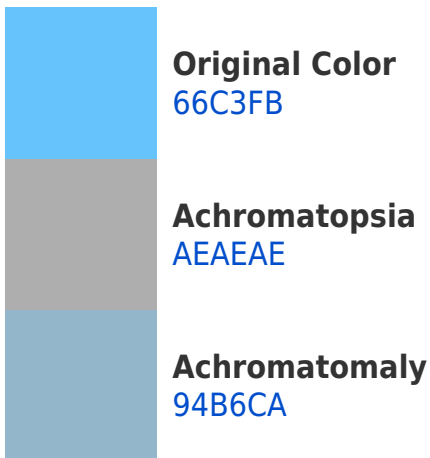


**Tritanopia**  
57C9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66C3FB 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 #66C3FB looks like.

```
.text, #text, p{  
    color:#66C3FB  
}
```

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 #66C3FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66C3FB  
}
```

## Border

The CSS property to change the border of an element to Hex 66C3FB 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  
#66C3FB }
```

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

```
.border{ border-color:#66C3FB }
```

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

Here you see how a box with a 4 pixel #66C3FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66C3FB; -webkit-box-shadow:4px 4px  
4px 4px #66C3FB; box-shadow:4px 4px 4px  
4px #66C3FB }
```

# Background

The CSS property to change the background color of an element to Hex 66C3FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66C3FB }
```

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

```
.background{ background-color:#66C3FB }
```

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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