

# Converting Colors

Hex(64C5FB)

Have a look what the booklet for  
Hex(64C5FB) contains.

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# **Color**

**Hex(64C5FB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64C5FB
RGB	100, 197, 251
RGB Percent	39%, 77%, 98%
CMY	0.6078, 0.2275, 0.0157
CMYK	0.60, 0.22, 0.00, 0.02
HSL	201°, 95%, 69%
HSV	201°, 60%, 98%
XYZ	42.6344, 49.6069, 98.5948
YIQ	174.1530, -75.1460, -3.7700

# Conversions

## Conversions Part 2

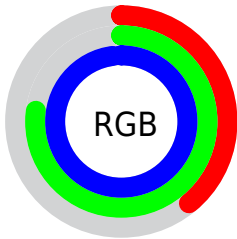
Format	Color
<a href="#">RYB</a>	100, 159, 251
Decimal	6604283
CIELab	75.83, -13.06, -35.17
CIELCh	76, 37.515, 249.625
Yxy	49.6069, 0.2234, 0.2599
Android (android.graphics.Color)	4284794363 (0xFF64C5FB)
YUV	174.1530, 37.8856, -65.0322
Hunter-Lab	70.4321, -15.2056, -33.6949

# Details

The Hex color **64C5FB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FB9A64**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A2FEFF**, and **0F8FC2** is the 20% darker color. If you saturate the color by 10%, you get **4BBCFB**, and if you desaturate by 10%, it is **7DCEFB**.

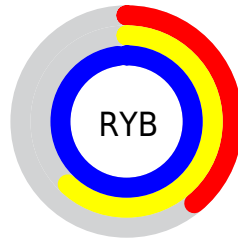
# Distribution



Red (39%)

Green (77%)

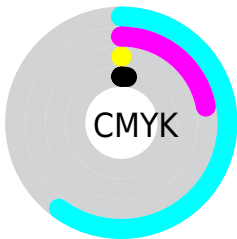
Blue (98%)



Red (39%)

Yellow (62%)

Blue (98%)

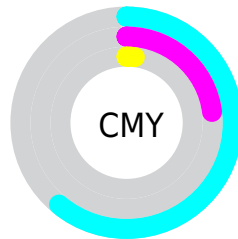


Cyan (60%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (61%)

Magenta (23%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64C5FB 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 64C5FB by changing the saturation by 10% instead.



 64C5FB

 64C5FB

FFFFFF

 42AADE

 A2FEFF

 0F8FC2

 C0FFFF

 0076A7

 DEFFFF

 005D8C

FDFFFF

 004673

 002F5A

 001C42

 00032C

 000116

■ 64C5FB

■ 64C5FB

■ 4BBCFB

■ 7DCEFB

■ 32B3FB

■ 96D7FB

■ 19AAFB

■ AFE0FB

■ 00A1FB

■ C8E9FB

■ E2F2FB

■ FBFBFB

■ FFFFFB

# Harmonies

## Analogous

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



3BCCE6



64C5FB



9CBAFF

# Triad

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



64C5FB



FFA0B1



A1C684

# Complementary

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



64C5FB



FB9A64

# 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.



C7BC76



64C5FB



FAA690

# Square

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



64C5FB



F0A4D4



E6B17B



77CCA2

# Rectangle

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



64C5FB



BFB2F7



E6B17B



AEC37E

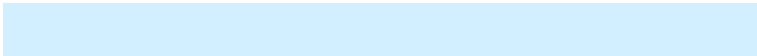


# Sweetspot

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



64C5FB



D1EFFF



64FB99



637580



000000



808080



# Same Dimension

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



64C5FB



47BDFF



647BFB



70787D



0079BD



00273D



# Inverse Universe

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



FB64C5



FF47BD



FBE464



7D7078



BD0079

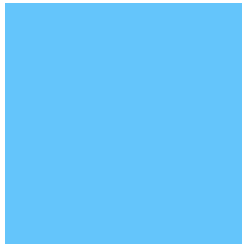


3D0027



# Previews

## White Background



This preview shows how the Hex color 64C5FB looks on a white background.

## Color Contrast Check

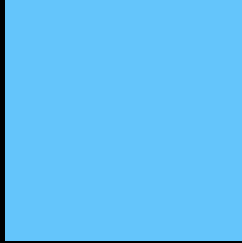
Large Text (above 18pt) WCAG AA × Fail

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 64C5FB 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

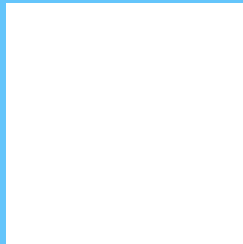
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64C5FB Background



This preview shows how black text looks on a background with the Hex color 64C5FB.

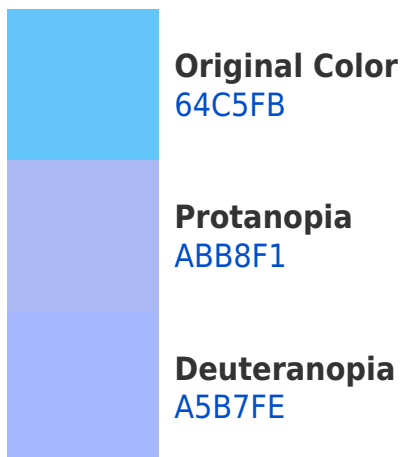


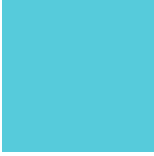
This preview shows how white text looks on a background with the Hex color 64C5FB.

# 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](#).

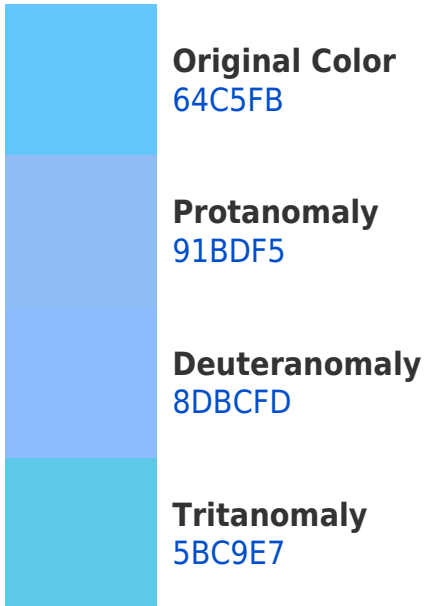
## Dichromacy



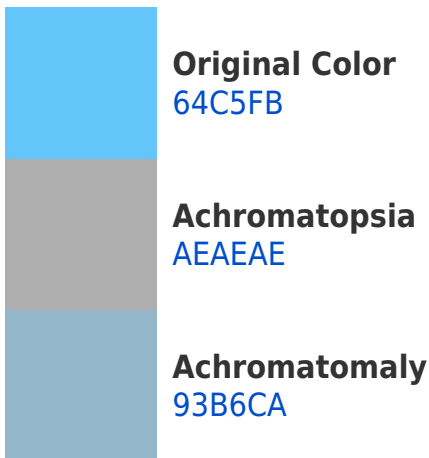


**Tritanopia**  
56CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64C5FB 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 #64C5FB looks like.

```
.text, #text, p{  
    color:#64C5FB  
}
```

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 #64C5FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64C5FB  
}
```

## Border

The CSS property to change the border of an element to Hex 64C5FB 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  
#64C5FB }
```

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

```
.border{ border-color:#64C5FB }
```

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

Here you see how a box with a 4 pixel #64C5FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64C5FB; -webkit-box-shadow:4px 4px  
4px 4px #64C5FB; box-shadow:4px 4px 4px  
4px #64C5FB }
```

# Background

The CSS property to change the background color of an element to Hex 64C5FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64C5FB }
```

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

```
.background{ background-color:#64C5FB }
```

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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