

# Converting Colors

Hex(65C5FC)

Have a look what the booklet for  
Hex(65C5FC) contains.

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# **Color**

**Hex(65C5FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65C5FC
RGB	101, 197, 252
RGB Percent	40%, 77%, 99%
CMY	0.6039, 0.2275, 0.0118
CMYK	0.60, 0.22, 0.00, 0.01
HSL	202°, 96%, 69%
HSV	202°, 60%, 99%
XYZ	42.9038, 49.7275, 99.4326
YIQ	174.5660, -74.8710, -3.2470

# Conversions

## Conversions Part 2

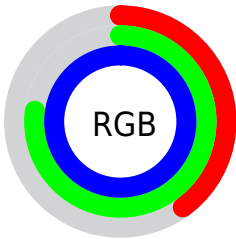
Format	Color
R <sub>Y</sub> B	101, 160, 252
Decimal	6669820
CIE Lab	75.90, -12.58, -35.59
CIE LCh	76, 37.744, 250.535
Yxy	49.7275, 0.2234, 0.2589
Android (android.graphics.Color)	4284859900 (0xFF65C5FC)
YUV	174.5660, 38.1750, -64.5174
Hunter-Lab	70.5177, -14.8046, -34.2387

# Details

The Hex color **65C5FC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FC9C65**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A3FEFF**, and **128FC3** is the 20% darker color. If you saturate the color by 10%, you get **4CBCFC**, and if you desaturate by 10%, it is **7ECEFC**.

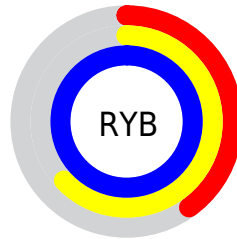
# Distribution



Red (40%)

Green (77%)

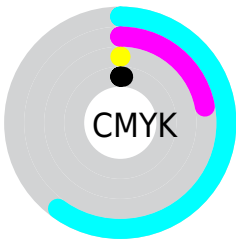
Blue (99%)



Red (40%)

Yellow (63%)

Blue (99%)

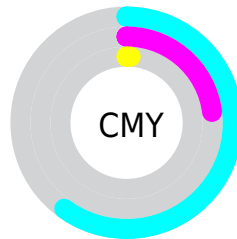


Cyan (60%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (60%)

Magenta (23%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65C5FC 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 65C5FC by changing the saturation by 10% instead.



 65C5FC

 65C5FC

FFFFFF

 43AADF

 A3FEFF

 128FC3

 C1FFFF

 0076A8

 DFFFFF

 005D8D

FEFFFF

 004673

 002F5B

 001C43

 00032C

 000117

■ 65C5FC

■ 65C5FC

■ 4CBCFC

■ 7ECEFC

■ 33B3FC

■ 97D7FC

■ 19A9FC

■ B1E1FC

■ 00A0FC

■ CAEAFC

■ E3F3FC

■ FCFCFC

■ FFFFC

# Harmonies

## Analogous

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



3ACCE7



65C5FC



9EBAFF

# Triad

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



65C5FC



FFA0B0



A0C685

# Complementary

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



65C5FC



FC9C65

# 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.



C6BD76



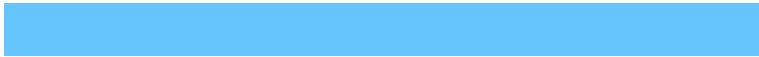
65C5FC



FBA68F

# Square

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



65C5FC



F1A3D3



E6B17A



76CCA3

# Rectangle

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



65C5FC



C0B2F7



E6B17A



ADC47E

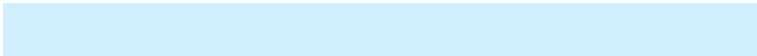


# Sweetspot

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



65C5FC



D1EEFF



65FC9A



637580



000000



808080



# Same Dimension

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



65C5FC



47BCFF



657CFC



70787D



0078BD



00273D



# Inverse Universe

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



FC65C5



FF47BC



FCE565



7D7078



BD0078

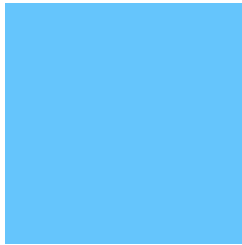


3D0027



# Previews

## White Background



This preview shows how the Hex color 65C5FC looks on a white background.

## Color Contrast Check

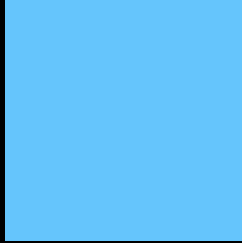
Large Text (above 18pt) WCAG AA × Fail

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 65C5FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

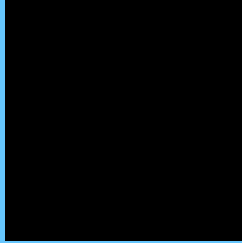
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

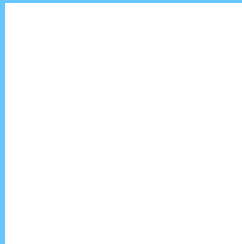
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65C5FC Background



This preview shows how black text looks on a background with the Hex color 65C5FC.

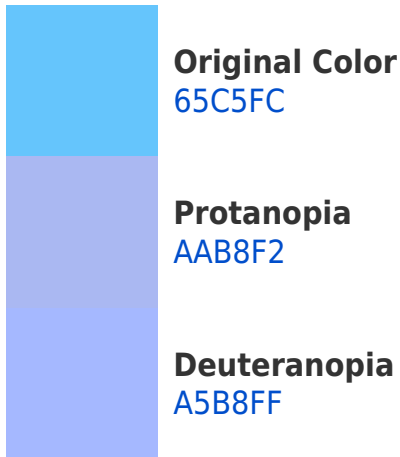


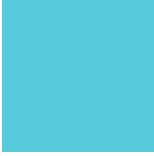
This preview shows how white text looks on a background with the Hex color 65C5FC.

# 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](#).

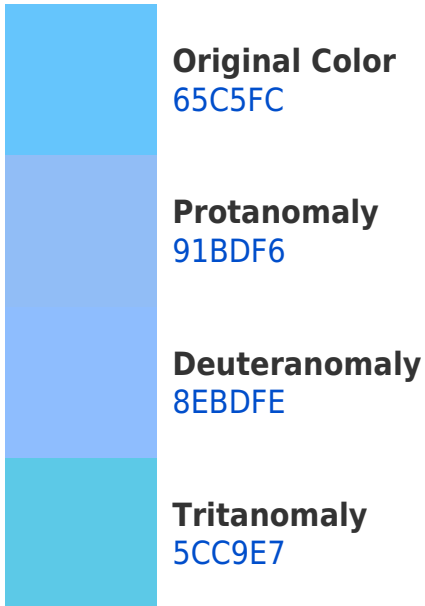
## Dichromacy



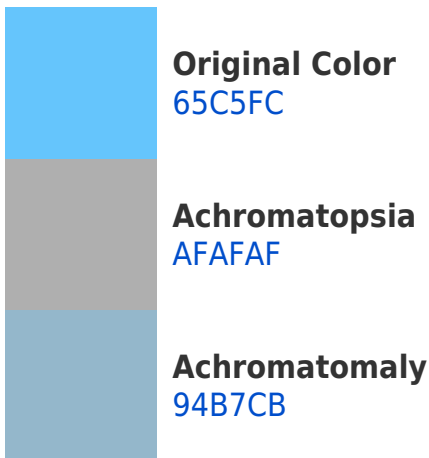


**Tritanopia**  
57CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65C5FC 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 #65C5FC looks like.

```
.text, #text, p{  
    color:#65C5FC  
}
```

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 #65C5FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C5FC
}
```

## Border

The CSS property to change the border of an element to Hex 65C5FC 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
#65C5FC }
```

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

```
.border{ border-color:#65C5FC }
```

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

Here you see how a box with a 4 pixel #65C5FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C5FC; -webkit-box-shadow:4px 4px  
4px 4px #65C5FC; box-shadow:4px 4px 4px  
4px #65C5FC }
```

# Background

The CSS property to change the background color of an element to Hex 65C5FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C5FC }
```

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

```
.background{ background-color:#65C5FC }
```

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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