

Converting Colors

Hex(67C7F9)

Have a look what the booklet for
Hex(67C7F9) contains.

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Color

Hex(67C7F9)

Conversions

Conversions Part 1

Format	Color
Hex	67C7F9
RGB	103, 199, 249
RGB Percent	40%, 78%, 98%
CMY	0.5961, 0.2196, 0.0235
CMYK	0.59, 0.20, 0.00, 0.02
HSL	201°, 92%, 69%
HSV	201°, 59%, 98%
XYZ	43.1158, 50.5700, 97.1111
YIQ	175.9960, -73.2660, -4.8020

Conversions

Conversions Part 2

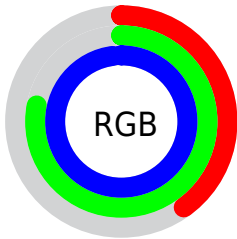
Format	Color
RYB	103, 161, 249
Decimal	6801401
CIELab	76.42, -14.17, -33.17
CIELCh	76, 36.075, 246.869
Yxy	50.5700, 0.2260, 0.2650
Android (android.graphics.Color)	4284991481 (0xFF67C7F9)
YUV	175.9960, 35.9910, -64.0175
Hunter-Lab	71.1126, -16.2217, -31.1874

Details

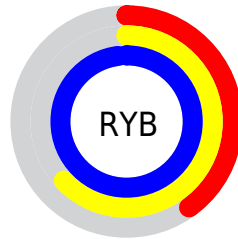
The Hex color **67C7F9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F99967**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A4FFFF**, and **1A91C0** is the 20% darker color. If you saturate the color by 10%, you get **4EBEF9**, and if you desaturate by 10%, it is **80D0F9**.

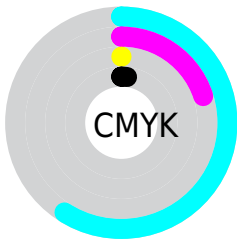
Distribution



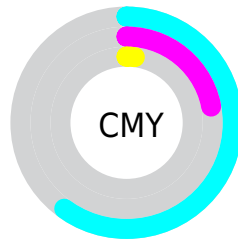
- Red (40%)
- Green (78%)
- Blue (98%)



- Red (40%)
- Yellow (63%)
- Blue (98%)



- Cyan (59%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (60%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67C7F9 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 67C7F9 by changing the saturation by 10% instead.

 67C7F9

 67C7F9

FFFFFF

 46ACDC

 A4FFFF

 1A91C0

 C2FFFF

 0077A5

 E0FFFF

 005F8B

 004771

 003158

 001D40

 00032A

 000114

■ 67C7F9

■ 67C7F9

■ 4EBEF9

■ 80D0F9

■ 35B6F9

■ 99D8F9

■ 1CADF9

■ B2E1F9

■ 03A5F9

■ CBE9F9

■ 00A4F9

■ E4F2F9

■ FCFAF9

■ FFFFF9

Harmonies

Analogous

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



47CDE3



67C7F9



9BBDFE

Triad

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



67C7F9



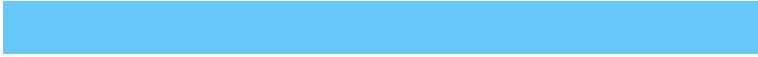
FDA3B6



A8C686

Complementary

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



67C7F9



F99967

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.



CCBD7A



67C7F9



FBA796

Square

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



67C7F9



EDA7D7



E9B280



80CCA1

Rectangle

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



67C7F9



BCB5F8



E9B280



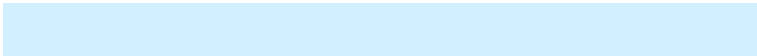
B4C480

Sweetspot

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



67C7F9



D1EFFF



67F998



637680



000000



808080

Same Dimension

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



67C7F9



4DC2FF



677FF9



70797D



007CBD



00283D

Inverse Universe

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



F967C7



FF4DC2



F9E167



7D7079



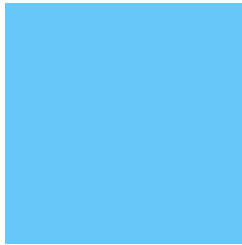
BD007C



3D0028

Previews

White Background



This preview shows how the Hex color 67C7F9 looks on a white background.

Color Contrast Check

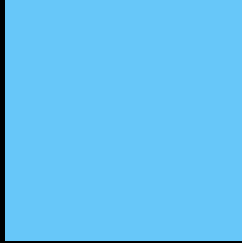
Large Text (above 18pt) WCAG AA × Fail

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 67C7F9 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

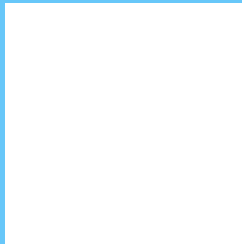
Any Text WCAG AAA ✓ Pass

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

Hex 67C7F9 Background



This preview shows how black text looks on a background with the Hex color 67C7F9.

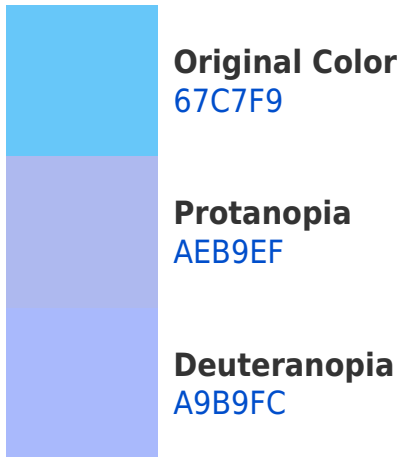


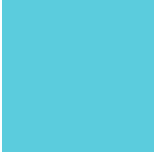
This preview shows how white text looks on a background with the Hex color 67C7F9.

Color Blindness Simulation

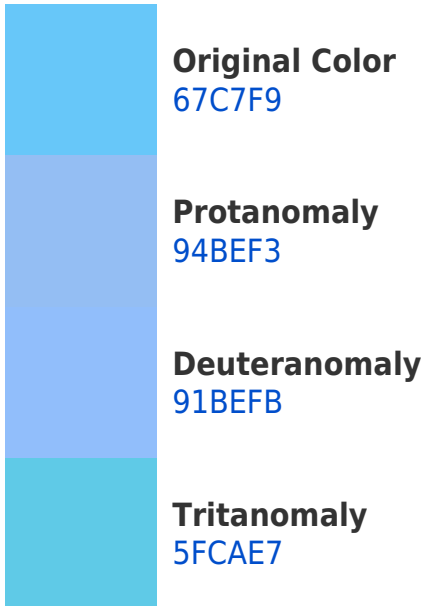
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

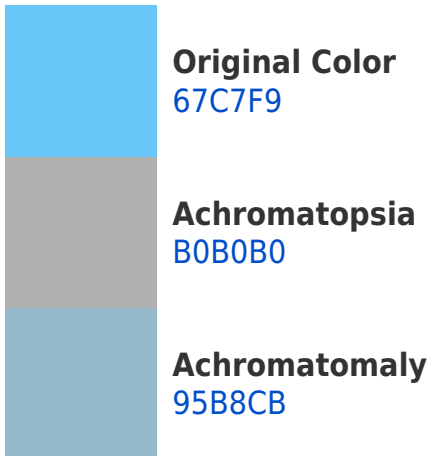




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67C7F9 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 #67C7F9 looks like.

```
.text, #text, p{  
    color:#67C7F9  
}
```

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 #67C7F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67C7F9
}
```

Border

The CSS property to change the border of an element to Hex 67C7F9 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
#67C7F9 }
```

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

```
.border{ border-color:#67C7F9 }
```

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

Here you see how a box with a 4 pixel #67C7F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67C7F9; -webkit-box-shadow:4px 4px  
4px 4px #67C7F9; box-shadow:4px 4px 4px  
4px #67C7F9 }
```

Background

The CSS property to change the background color of an element to Hex 67C7F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67C7F9 }
```

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

```
.background{ background-color:#67C7F9 }
```

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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