

Converting Colors

Hex(67B4F6)

Have a look what the booklet for
Hex(67B4F6) contains.

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Color

Hex(67B4F6)

Conversions

Conversions Part 1

Format	Color
Hex	67B4F6
RGB	103, 180, 246
RGB Percent	40%, 71%, 96%
CMY	0.5961, 0.2941, 0.0353
CMYK	0.58, 0.27, 0.00, 0.04
HSL	208°, 89%, 68%
HSV	208°, 58%, 96%
XYZ	38.5493, 42.1799, 93.2985
YIQ	164.5010, -67.0780, 4.2020

Conversions

Conversions Part 2

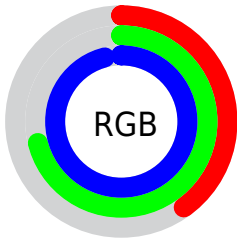
Format	Color
R _Y B	103, 153, 246
Decimal	6796534
CIE Lab	70.99, -4.87, -39.97
CIE LCh	71, 40.267, 263.055
Yxy	42.1799, 0.2215, 0.2424
Android (android.graphics.Color)	4284986614 (0xFF67B4F6)
YUV	164.5010, 40.1790, -53.9364
Hunter-Lab	64.9461, -7.7053, -39.7111

Details

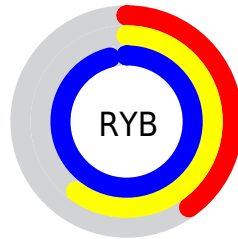
The Hex color **67B4F6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F6A967**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A3ECFF**, and **1E7FBD** is the 20% darker color. If you saturate the color by 10%, you get **4EA9F6**, and if you desaturate by 10%, it is **80BFF6**.

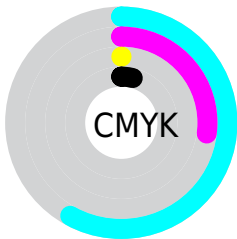
Distribution



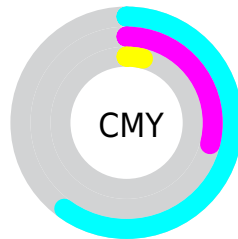
- Red (40%)
- Green (71%)
- Blue (96%)



- Red (40%)
- Yellow (60%)
- Blue (96%)



- Cyan (58%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (60%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67B4F6 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 67B4F6 by changing the saturation by 10% instead.

 67B4F6

 67B4F6

FFFFFF

 4799D9

 A3ECFF

 1E7FBD

 C1FFFF

 0067A2

 DFFFFF

 004F88

FEFFFF

 00386E

 002355

 000D3E

 000327

 000110

■ 67B4F6

■ 67B4F6

■ 4EA9F6

■ 80BFF6

■ 369DF6

■ 98CBF6

■ 1D92F6

■ B1D6F6

■ 0587F6

■ C9E1F6

■ 0084F6

■ E2EDF6

■ FBF8F6

■ FFFFF6

Harmonies

Analogous

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



0FBDE7



67B4F6



A5A7F1

Triad

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



67B4F6



F59293



7EBC80

Complementary

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



67B4F6



F6A967

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.



A9B469



67B4F6



E89C74

Square

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



67B4F6



EF92B8



CDA964



4BC1A4

Rectangle

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



67B4F6



C69EE4



CDA964



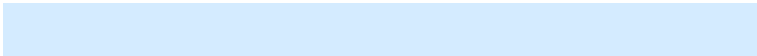
8DBA77

Sweetspot

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



67B4F6



D4EBFF



67F6A7



667480



000000



808080

Same Dimension

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



67B4F6



4DADFF



676EF6



6E757A



0064BA



00203B

Inverse Universe

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



F667B4



FF4DAD



F6EF67



7A6E75



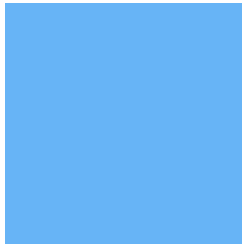
BA0064



3B0020

Previews

White Background



This preview shows how the Hex color 67B4F6 looks on a white background.

Color Contrast Check

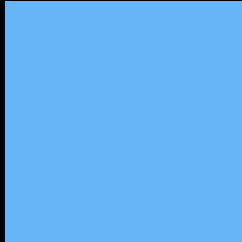
Large Text (above 18pt) WCAG AA × Fail

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 67B4F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

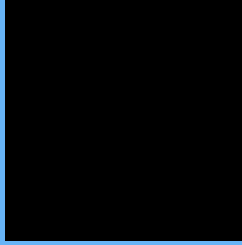
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

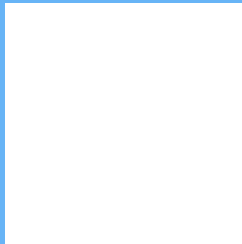
Any Text WCAG AAA ✓ Pass

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

Hex 67B4F6 Background



This preview shows how black text looks on a background with the Hex color 67B4F6.

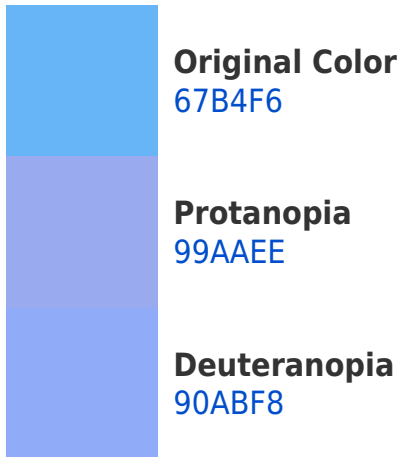


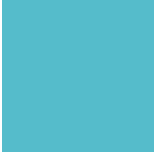
This preview shows how white text looks on a background with the Hex color 67B4F6.

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](#).

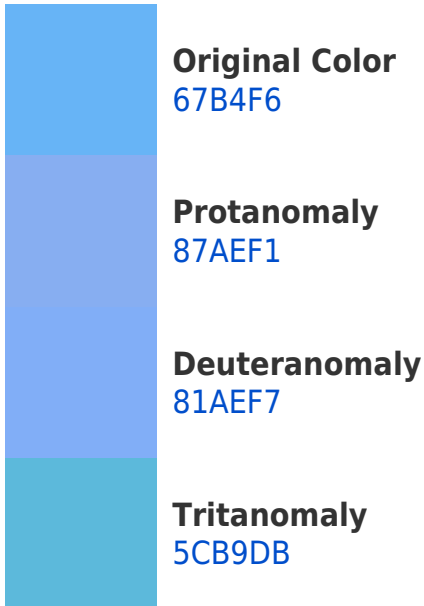
Dichromacy



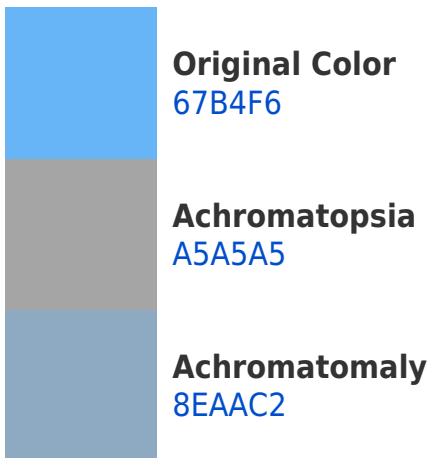


Tritanopia
55BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67B4F6 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 #67B4F6 looks like.

```
.text, #text, p{  
    color:#67B4F6  
}
```

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 #67B4F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67B4F6  
}
```

Border

The CSS property to change the border of an element to Hex 67B4F6 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  
#67B4F6 }
```

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

```
.border{ border-color:#67B4F6 }
```

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

Here you see how a box with a 4 pixel #67B4F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67B4F6; -webkit-box-shadow:4px 4px  
4px 4px #67B4F6; box-shadow:4px 4px 4px  
4px #67B4F6 }
```

Background

The CSS property to change the background color of an element to Hex 67B4F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67B4F6 }
```

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

```
.background{ background-color:#67B4F6 }
```

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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