

Converting Colors

Hex(67BCF8)

Have a look what the booklet for
Hex(67BCF8) contains.

Hex(67BCF8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(67BCF8)

Conversions

Conversions Part 1

Format	Color
Hex	67BCF8
RGB	103, 188, 248
RGB Percent	40%, 74%, 97%
CMY	0.5961, 0.2627, 0.0275
CMYK	0.58, 0.24, 0.00, 0.03
HSL	205°, 91%, 69%
HSV	205°, 58%, 97%
XYZ	40.5200, 45.6273, 95.4783
YIQ	169.4250, -69.9200, 0.6400

Conversions

Conversions Part 2

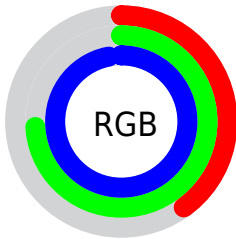
Format	Color
RYB	103, 157, 248
Decimal	6798584
CIELab	73.30, -8.62, -37.46
CIElCh	73, 38.438, 257.047
Yxy	45.6273, 0.2231, 0.2512
Android (android.graphics.Color)	4284988664 (0xFF67BCF8)
YUV	169.4250, 38.7375, -58.2547
Hunter-Lab	67.5480, -11.1322, -36.5221

Details

The Hex color **67BCF8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F8A367**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A4F4FF**, and **1C87BF** is the 20% darker color. If you saturate the color by 10%, you get **4EB2F8**, and if you desaturate by 10%, it is **80C6F8**.

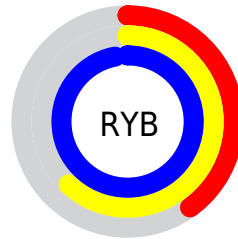
Distribution



Red (40%)

Green (74%)

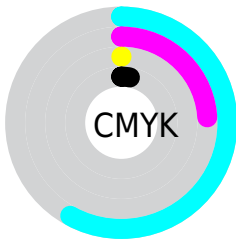
Blue (97%)



Red (40%)

Yellow (62%)

Blue (97%)

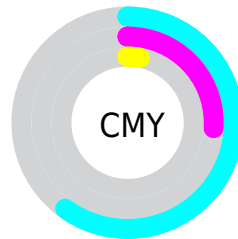


Cyan (58%)

Magenta (24%)

Yellow (0%)

Black (3%)



Cyan (60%)

Magenta (26%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67BCF8 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 67BCF8 by changing the saturation by 10% instead.

 67BCF8

 67BCF8

FFFFFF

 46A1DB

 A4F4FF

 1C87BF

 C2FFFF

 006EA4

 E0FFFF

 00568A

FEFFFF

 003E70

 002957

 00153F

 000329

 000113

■ 67BCF8

■ 67BCF8

■ 4EB2F8

■ 80C6F8

■ 35A7F8

■ 99D1F8

■ 1D9DF8

■ B1DBF8

■ 0493F8

■ CAE5F8

■ 0091F8

■ E3EFF8

■ FCFAF8

■ FFFFF8

Harmonies

Analogous

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



2DC4E7



67BCF8



A2B0F7

Triad

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



67BCF8



F999A1



8FC183

Complementary

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



67BCF8



F8A367

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.



B7B870



67BCF8



F1A182

Square

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



67BCF8



EF9AC5



D9AD6F



63C6A3

Rectangle

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



67BCF8



C3A8EC



D9AD6F



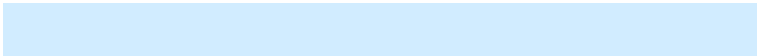
9DBE7B

Sweetspot

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



67BCF8



D1ECFF



67F8A1



637480



000000



808080

Same Dimension

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



67BCF8



4DB5FF



6775F8



70787D



006FBD



00243D

Inverse Universe

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



F867BC



FF4DB5



F8EA67



7D7078



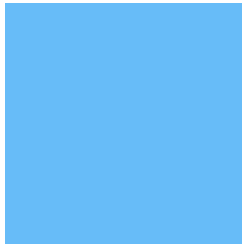
BD006F



3D0024

Previews

White Background



This preview shows how the Hex color 67BCF8 looks on a white background.

Color Contrast Check

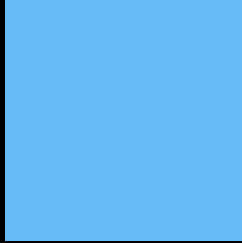
Large Text (above 18pt) WCAG AA × Fail

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 67BCF8 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 67BCF8 Background



This preview shows how black text looks on a background with the Hex color 67BCF8.



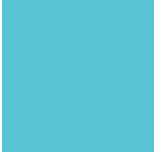
This preview shows how white text looks on a background with the Hex color 67BCF8.

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](#).

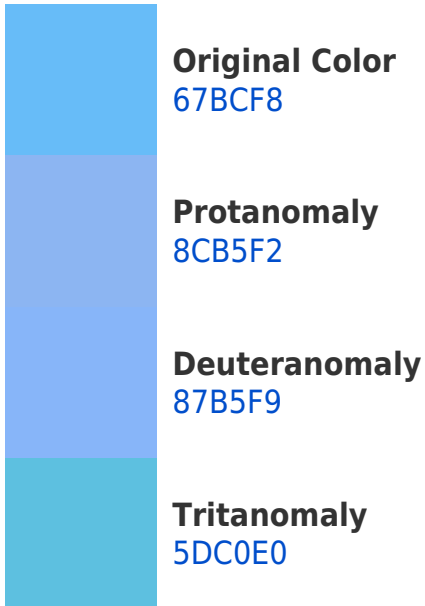
Dichromacy



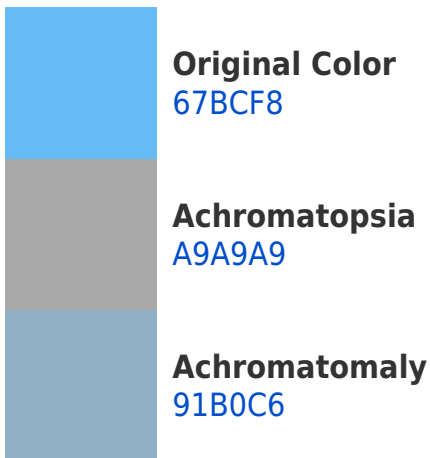


Tritanopia
57C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67BCF8 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 #67BCF8 looks like.

```
.text, #text, p{  
  color:#67BCF8  
}
```

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 #67BCF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67BCF8  
}
```

Border

The CSS property to change the border of an element to Hex 67BCF8 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  
#67BCF8 }
```

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

```
.border{ border-color:#67BCF8 }
```

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

Here you see how a box with a 4 pixel #67BCF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67BCF8; -webkit-box-shadow:4px 4px  
4px 4px #67BCF8; box-shadow:4px 4px 4px  
4px #67BCF8 }
```

Background

The CSS property to change the background color of an element to Hex 67BCF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67BCF8 }
```

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

```
.background{ background-color:#67BCF8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor