

Converting Colors

Hex(67E7F7)

Have a look what the booklet for
Hex(67E7F7) contains.

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Color

Hex(67E7F7)

Conversions

Conversions Part 1

Format	Color
Hex	67E7F7
RGB	103, 231, 247
RGB Percent	40%, 91%, 97%
CMY	0.5961, 0.0941, 0.0314
CMYK	0.58, 0.06, 0.00, 0.03
HSL	187°, 90%, 69%
HSV	187°, 58%, 97%
XYZ	50.9579, 66.7508, 98.1941
YIQ	194.5520, -81.4240, -22.1600

Conversions

Conversions Part 2

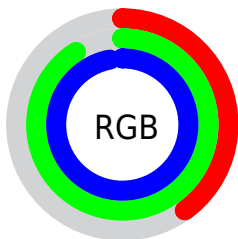
Format	Color
R_{YB}	103, 171, 247
Decimal	6809591
CIE _{Lab}	85.38, -30.79, -18.44
CIE _{LCh}	85, 35.885, 210.920
Yxy	66.7508, 0.2360, 0.3092
Android (android.graphics.Color)	4284999671 (0xFF67E7F7)
YUV	194.5520, 25.8569, -80.2911
Hunter-Lab	81.7012, -31.6446, -14.0680

Details

The Hex color **67E7F7** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F77767**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A6FFFF**, and **10AFBF** is the 20% darker color. If you saturate the color by 10%, you get **4EE4F7**, and if you desaturate by 10%, it is **80EAF7**.

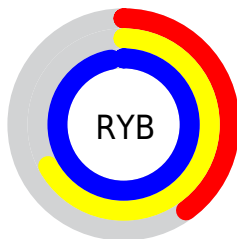
Distribution



Red (40%)

Green (91%)

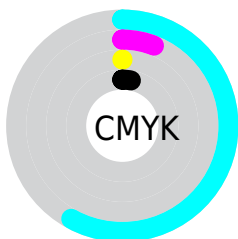
Blue (97%)



Red (40%)

Yellow (67%)

Blue (97%)

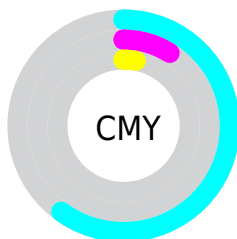


Cyan (58%)

Magenta (6%)

Yellow (0%)

Black (3%)



Cyan (60%)

Magenta (9%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E7F7 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 67E7F7 by changing the saturation by 10% instead.

 67E7F7

 67E7F7


FFFFFF

 44CBDA

 A6FFFF

 10AFBF

 C4FFFF

 0094A4

 E3FFFF

 007A89

 006170

 004857

 003140

 001D2A

 000115

67E7F7

67E7F7

4EE4F7

80EAF7

36E2F7

98ECF7

1DDFF7

B1EFF7

04DCF7

CAF2F7

00DCF7

E3F5F7

FBF7F7

FFFAF7

FFFDF7

FFFFF7

Harmonies

Analogous

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



7BE8D5



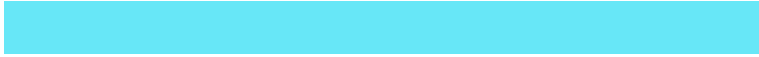
67E7F7



7BE2FF

Triad

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



67E7F7



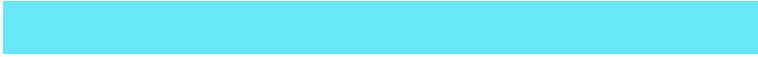
FFC1F7



ECD491

Complementary

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



67E7F7



F77767

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.



FFC89B



67E7F7



FFBCD6

Square

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



67E7F7



DBCCFF



FFBFB4



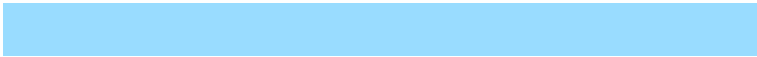
C8DE9A

Rectangle

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



67E7F7



99DCFF



FFBFB4



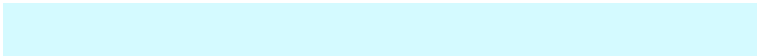
F7D093

Sweetspot

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



67E7F7



D4FAFF



67F775



667D80



000000



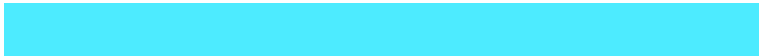
808080

Same Dimension

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



67E7F7



4DEBFF



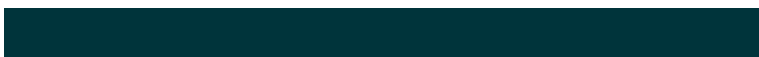
67A1F7



6E797A



00A5BA



00343B

Inverse Universe

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



F767E7



FF4DEB



F7BD67



7A6E79



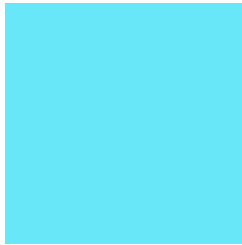
BA00A5



3B0034

Previews

White Background



This preview shows how the Hex color 67E7F7 looks on a white background.

Color Contrast Check

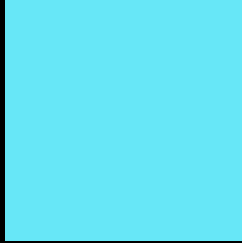
Large Text (above 18pt) WCAG AA × Fail

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 67E7F7 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 67E7F7 Background



This preview shows how black text looks on a background with the Hex color 67E7F7.

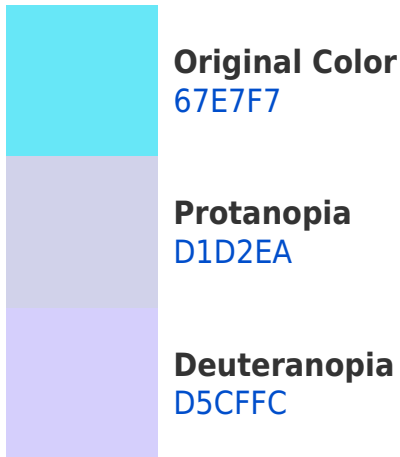


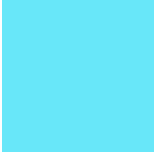
This preview shows how white text looks on a background with the Hex color 67E7F7.

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](#).

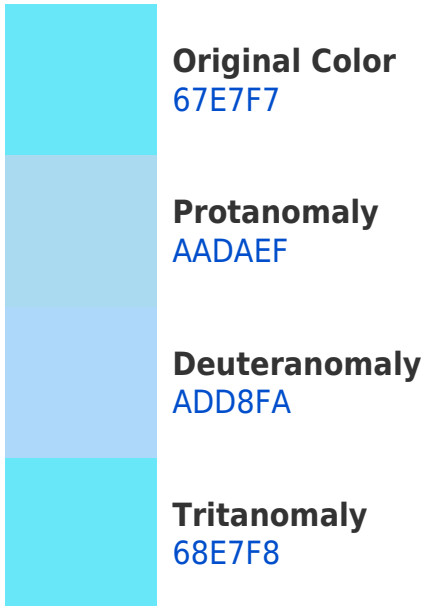
Dichromacy



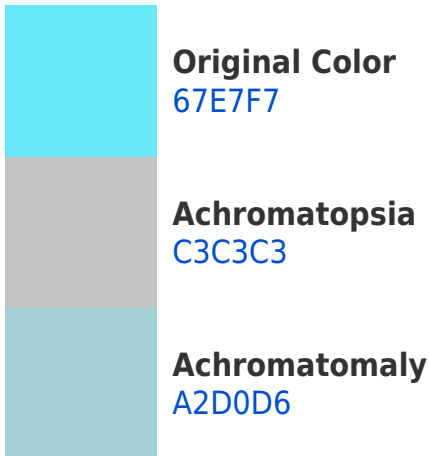


Tritanopia
68E7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67E7F7 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 #67E7F7 looks like.

```
.text, #text, p{  
    color:#67E7F7  
}
```

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 #67E7F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E7F7
}
```

Border

The CSS property to change the border of an element to Hex 67E7F7 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
#67E7F7 }
```

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

```
.border{ border-color:#67E7F7 }
```

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

Here you see how a box with a 4 pixel #67E7F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E7F7; -webkit-box-shadow:4px 4px  
4px 4px #67E7F7; box-shadow:4px 4px 4px  
4px #67E7F7 }
```

Background

The CSS property to change the background color of an element to Hex 67E7F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E7F7 }
```

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

```
.background{ background-color:#67E7F7 }
```

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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