

Converting Colors

Hex(67E6FE)

Have a look what the booklet for
Hex(67E6FE) contains.

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Color

Hex(67E6FE)

Conversions

Conversions Part 1

Format	Color
Hex	67E6FE
RGB	103, 230, 254
RGB Percent	40%, 90%, 100%
CMY	0.5961, 0.0980, 0.0039
CMYK	0.59, 0.09, 0.00, 0.00
HSL	190°, 99%, 70%
HSV	190°, 59%, 100%
XYZ	51.7797, 66.6330, 103.8983
YIQ	194.7630, -83.3960, -19.4600

Conversions

Conversions Part 2

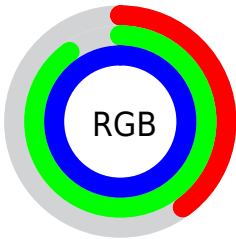
Format	Color
RYB	103, 172, 254
Decimal	6809342
CIELab	85.32, -28.36, -22.21
CIELCh	85, 36.021, 218.074
Yxy	66.6330, 0.2329, 0.2997
Android (android.graphics.Color)	4284999422 (0xFF67E6FE)
YUV	194.7630, 29.2038, -80.4762
Hunter-Lab	81.6290, -29.6229, -18.3247

Details

The Hex color **67E6FE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FE7F67**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A6FFFF**, and **0CAEC5** is the 20% darker color. If you saturate the color by 10%, you get **4EE2FE**, and if you desaturate by 10%, it is **80EAFE**.

Distribution



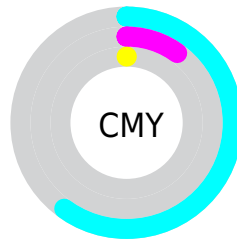
- Red (40%)
- Green (90%)
- Blue (100%)



- Red (40%)
- Yellow (67%)
- Blue (100%)



- Cyan (59%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E6FE 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 67E6FE by changing the saturation by 10% instead.

 67E6FE

 67E6FE

FFFFFF

 44CAE1

 A6FFFF

 0CAEC5

 C5FFFF

 0093AA

 E4FFFF

 00798F

 006076

 00485D

 003145

 001D2F

 00011A

 67E6FE

 67E6FE

 4EE2FE

 80EAFE

 34DEFE

 9AEFEF

 1BDAFE

 B3F2FE

 01D6FE

 CDF6FE

 00D6FE

 E6FAFE

FFFEFE

FFFFFE

Harmonies

Analogous

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



73E8DE



67E6FE



85E0FF

Triad

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



67E6FE



FFBFEF



E4D691

Complementary

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



67E6FE



FE7F67

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.



FFCA97



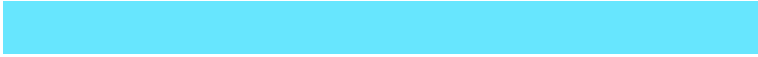
67E6FE



FFBCCD

Square

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



67E6FE



E6C9FF



FFC0AD



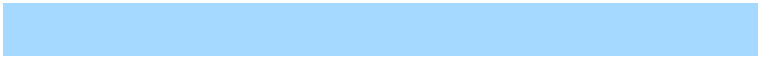
BEE09F

Rectangle

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



67E6FE



A5D9FF



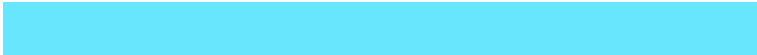
FFC0AD



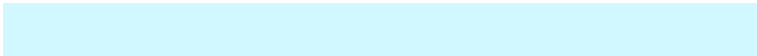
EFD291

Sweetspot

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



67E6FE



D1F8FF



67FE7E



637B80



000000



808080

Same Dimension

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



67E6FE



4AE2FF



679CFE



737D80



00A1BF



003640

Inverse Universe

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



FE67E6



FF4AE2



FEC967



80737D



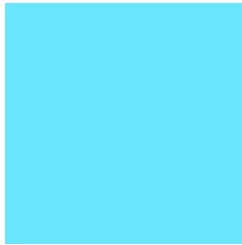
BF00A1



400036

Previews

White Background



This preview shows how the Hex color 67E6FE looks on a white background.

Color Contrast Check

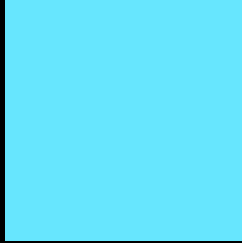
Large Text (above 18pt) WCAG AA × Fail

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 67E6FE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

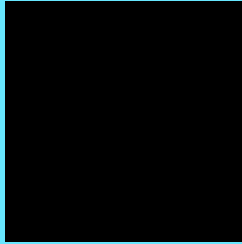
Any Text WCAG AA ✓ Pass

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 67E6FE Background



This preview shows how black text looks on a background with the Hex color 67E6FE.

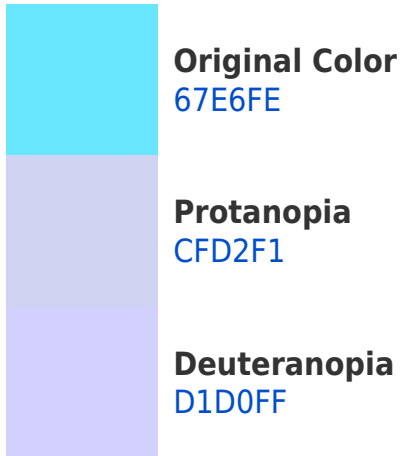


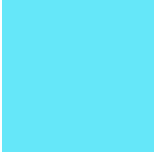
This preview shows how white text looks on a background with the Hex color 67E6FE.

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](#).

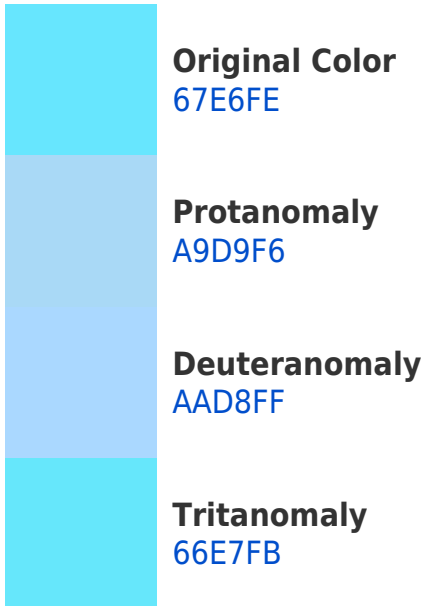
Dichromacy



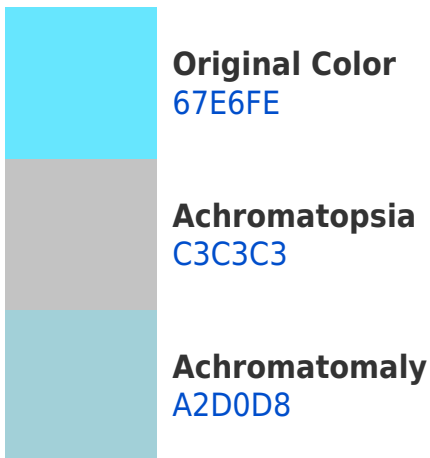


Tritanopia
65E7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67E6FE 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 #67E6FE looks like.

```
.text, #text, p{  
    color:#67E6FE  
}
```

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 #67E6FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E6FE
}
```

Border

The CSS property to change the border of an element to Hex 67E6FE 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
#67E6FE }
```

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

```
.border{ border-color:#67E6FE }
```

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

Here you see how a box with a 4 pixel #67E6FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E6FE; -webkit-box-shadow:4px 4px  
4px 4px #67E6FE; box-shadow:4px 4px 4px  
4px #67E6FE }
```

Background

The CSS property to change the background color of an element to Hex 67E6FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E6FE }
```

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

```
.background{ background-color:#67E6FE }
```

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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