

Converting Colors

Hex(67E8EF)

Have a look what the booklet for
Hex(67E8EF) contains.

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Color

Hex(67E8EF)

Conversions

Conversions Part 1

Format	Color
Hex	67E8EF
RGB	103, 232, 239
RGB Percent	40%, 91%, 94%
CMY	0.5961, 0.0902, 0.0627
CMYK	0.57, 0.03, 0.00, 0.06
HSL	183°, 81%, 67%
HSV	183°, 57%, 94%
XYZ	50.0301, 66.8288, 91.9237
YIQ	194.2270, -79.1310, -25.1710

Conversions

Conversions Part 2

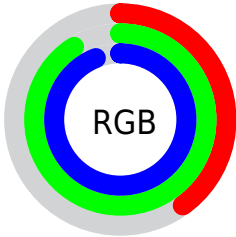
Format	Color
RYB	103, 169, 239
Decimal	6809839
CIELab	85.42, -33.44, -14.17
CIELCh	85, 36.313, 202.963
Yxy	66.8288, 0.2396, 0.3201
Android (android.graphics.Color)	4284999919 (0xFF67E8EF)
YUV	194.2270, 22.0731, -80.0061
Hunter-Lab	81.7489, -33.8190, -9.4453

Details

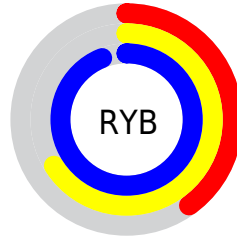
The Hex color **67E8EF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EF6E67**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A5FFFF**, and **13B0B7** is the 20% darker color. If you saturate the color by 10%, you get **4FE7EF**, and if you desaturate by 10%, it is **7FE9EF**.

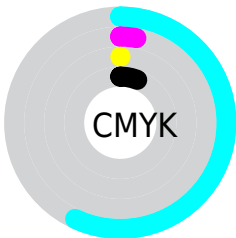
Distribution



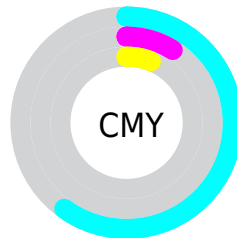
- Red (40%)
- Green (91%)
- Blue (94%)



- Red (40%)
- Yellow (66%)
- Blue (94%)



- Cyan (57%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (60%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67E8EF 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 67E8EF by changing the saturation by 10% instead.

 67E8EF

 67E8EF

FFFFFF

 45CCD3

 A5FFFF

 13B0B7

 C4FFFF

 00959C

 E2FFFF

 007B82

 006169

 004951

 00313A

 001D24

 00010F

 67E8EF

 67E8EF

 4FE7EF

 7FE9EF

 37E6EF

 97EAEF

 1FE4EF

 AFECEF

 07E3EF

 C7EDEF

 00E3EF

 DEEEEEF

 F6EFEF

 FFF1EF

 FFF2EF

 FFF3EF

Harmonies

Analogous

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



83E8CC



67E8EF



70E4FF

Triad

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



67E8EF



F9C4FF



F5D191

Complementary

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



67E8EF



EF6E67

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.



FFC5A0



67E8EF



FFBCDF

Square

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



67E8EF



CFD0FF



FFBDBC



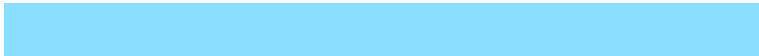
D2DC95

Rectangle

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



67E8EF



8BDEFF



FFBDBC



FFCD94

Sweetspot

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



67E8EF



D4FDFD



67EF6E



667E80



000000



808080

Same Dimension

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



67E8EF



52F6FF



67A4EF



6C7778



00AEB8



003538

Inverse Universe

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



EF67E8



FF52F6



EFB267



786C77



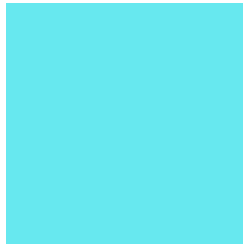
B800AE



380035

Previews

White Background



This preview shows how the Hex color 67E8EF looks on a white background.

Color Contrast Check

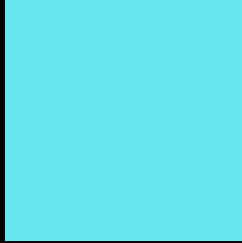
Large Text (above 18pt) WCAG AA × Fail

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 67E8EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

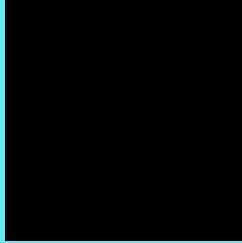
Any Text WCAG AA ✓ Pass

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 67E8EF Background



This preview shows how black text looks on a background with the Hex color 67E8EF.

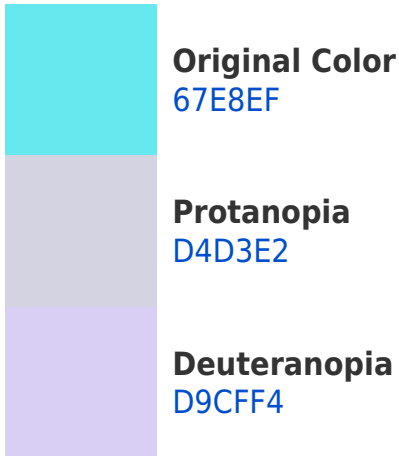


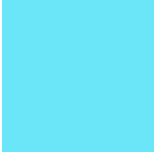
This preview shows how white text looks on a background with the Hex color 67E8EF.

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](#).

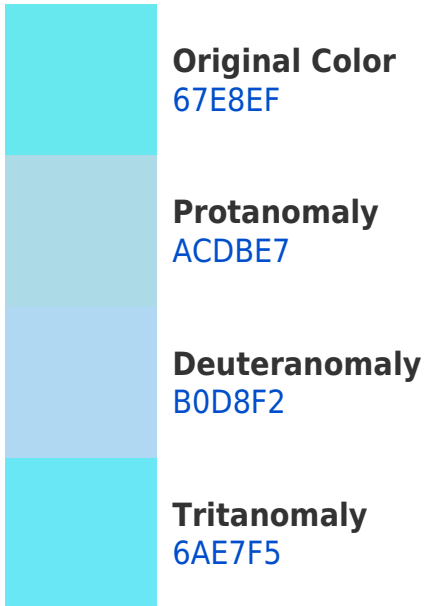
Dichromacy



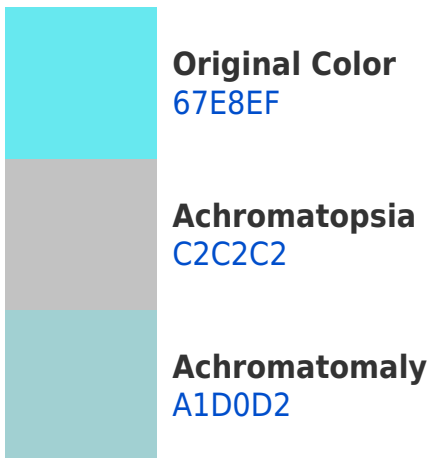


Tritanopia
6BE6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67E8EF 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 #67E8EF looks like.

```
.text, #text, p{  
    color:#67E8EF  
}
```

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 #67E8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E8EF
}
```

Border

The CSS property to change the border of an element to Hex 67E8EF 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
#67E8EF }
```

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

```
.border{ border-color:#67E8EF }
```

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

Here you see how a box with a 4 pixel #67E8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E8EF; -webkit-box-shadow:4px 4px  
4px 4px #67E8EF; box-shadow:4px 4px 4px  
4px #67E8EF }
```

Background

The CSS property to change the background color of an element to Hex 67E8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E8EF }
```

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

```
.background{ background-color:#67E8EF }
```

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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