

# Converting Colors

Hex(67E4FF)

Have a look what the booklet for  
Hex(67E4FF) contains.

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# **Color**

**Hex(67E4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67E4FF
RGB	103, 228, 255
RGB Percent	40%, 89%, 100%
CMY	0.5961, 0.1059, 0.0000
CMYK	0.60, 0.11, 0.00, 0.00
HSL	191°, 100%, 70%
HSV	191°, 60%, 100%
XYZ	51.3869, 65.5904, 104.5596
YIQ	193.7030, -83.1670, -18.1030

# Conversions

## Conversions Part 2

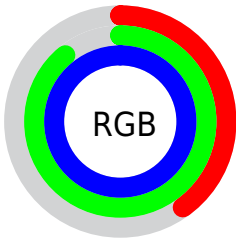
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 172, 255
Decimal	6808831
CIELab	84.79, -27.10, -23.55
CIELCh	85, 35.902, 220.985
Yxy	65.5904, 0.2320, 0.2961
Android (android.graphics.Color)	4284998911 (0xFF67E4FF)
YUV	193.7030, 30.2194, -79.5465
Hunter-Lab	80.9879, -28.4703, -19.8550

# Details

The Hex color **67E4FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8267**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **A6FFFF**, and **0CACCC6** is the 20% darker color. If you saturate the color by 10%, you get **4EDFFF**, and if you desaturate by 10%, it is **81E9FF**.

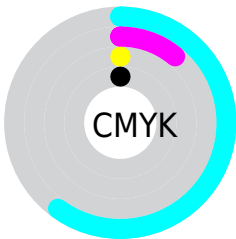
# Distribution



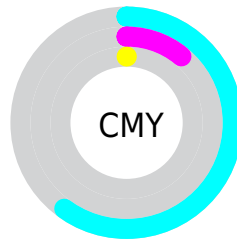
- Red (40%)
- Green (89%)
- Blue (100%)



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



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67E4FF 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 67E4FF by changing the saturation by 10% instead.



 67E4FF

 67E4FF

FFFFFF

 44C8E2

 A6FFFF

 0CACC6

 C5FFFF

 0092AB

 E3FFFF

 007890

 005F77

 00465E

 002F46

 001B30

 00011B

■ 67E4FF

■ 67E4FF

■ 4EDFFF

■ 81E9FF

■ 34DBFF

■ 9AEDFF

■ 1AD6FF

■ B3F2FF

■ 01D2FF

■ CDF6FF

■ 00D2FF

■ E7FBFF

FFFFFF

# Harmonies

## Analogous

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



6FE6DF



67E4FF



88DDFF

# Triad

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



67E4FF



FFBDEB



DFD691

# Complementary

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



67E4FF



FF8267

# 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.



FECA94



67E4FF



FFBAC8

# Square

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



67E4FF



E8C7FF



FFC0A9



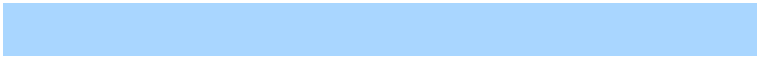
B9DFA0

# Rectangle

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



67E4FF



A9D6FF



FFC0A9



EAD290

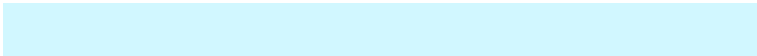


# Sweetspot

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



67E4FF



D1F7FF



67FF80



637B80



000000



808080



# Same Dimension

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



67E4FF



47DEFF



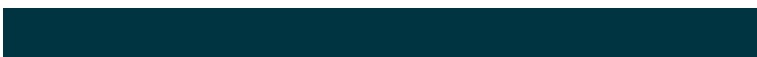
679AFF



737D80



009DBF



003440



# Inverse Universe

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



FF67E4



FF47DE



FFCC67



80737D



BF009D

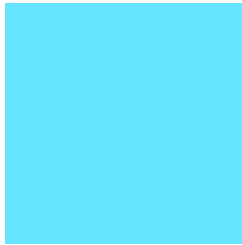


400034



# Previews

## White Background



This preview shows how the Hex color 67E4FF looks on a white background.

## Color Contrast Check

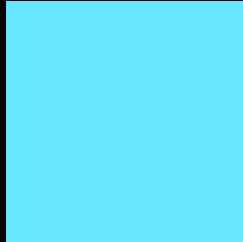
Large Text (above 18pt) WCAG AA × Fail

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 67E4FF 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 67E4FF Background



This preview shows how black text looks on a background with the Hex color 67E4FF.

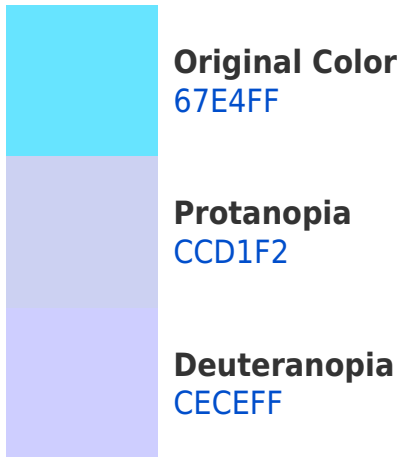


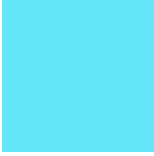
This preview shows how white text looks on a background with the Hex color 67E4FF.

# 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**  
64E5F8

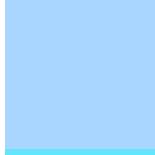
# Trichromacy



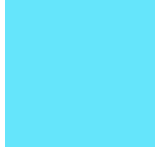
**Original Color**  
67E4FF



**Protanomaly**  
A7D8F7



**Deuteranomaly**  
A9D6FF

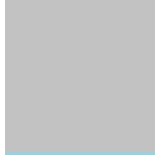


**Tritanomaly**  
65E5FB

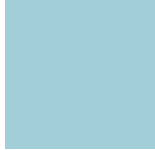
# Monochromacy



**Original Color**  
67E4FF



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
A1CED8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67E4FF 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 #67E4FF looks like.

```
.text, #text, p{  
    color:#67E4FF  
}
```

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 #67E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67E4FF
}
```

## Border

The CSS property to change the border of an element to Hex 67E4FF 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
#67E4FF }
```

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

```
.border{ border-color:#67E4FF }
```

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

Here you see how a box with a 4 pixel #67E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67E4FF; -webkit-box-shadow:4px 4px  
4px 4px #67E4FF; box-shadow:4px 4px 4px  
4px #67E4FF }
```

# Background

The CSS property to change the background color of an element to Hex 67E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67E4FF }
```

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

```
.background{ background-color:#67E4FF }
```

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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