

# Converting Colors

Hex(6EF4FF)

Have a look what the booklet for  
Hex(6EF4FF) contains.

<b>Hex(6EF4FF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(6EF4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EF4FF
RGB	110, 244, 255
RGB Percent	43%, 96%, 100%
CMY	0.5686, 0.0431, 0.0000
CMYK	0.57, 0.04, 0.00, 0.00
HSL	185°, 100%, 72%
HSV	185°, 57%, 100%
XYZ	56.8311, 75.2364, 106.1345
YIQ	205.1880, -83.3950, -24.9870

# Conversions

## Conversions Part 2

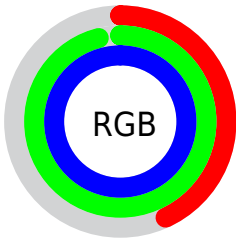
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 180, 255
Decimal	7271679
CIE <sub>Lab</sub>	89.50, -33.53, -16.40
CIE <sub>LCh</sub>	90, 37.323, 206.066
Y <sub>xy</sub>	75.2364, 0.2386, 0.3159
Android (android.graphics.Color)	4285461759 (0xFF6EF4FF)
Y <sub>UV</sub>	205.1880, 24.5573, -83.4799
Hunter-Lab	86.7389, -34.8404, -11.8306

# Details

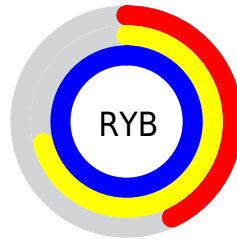
The Hex color **6EF4FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF796E**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **ADFFFF**, and **1DBBC6** is the 20% darker color. If you saturate the color by 10%, you get **55F2FF**, and if you desaturate by 10%, it is **88F6FF**.

# Distribution



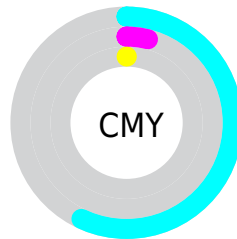
- Red (43%)
- Green (96%)
- Blue (100%)



- Red (43%)
- Yellow (71%)
- Blue (100%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EF4FF 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 6EF4FF by changing the saturation by 10% instead.



 6EF4FF

 6EF4FF

FFFFFF

 4CD7E2

 ADFFFF

 1DBBC6

 CCFFFF

 00A0AB

 EAFFFF

 008691

 006C77

 00535E

 003B47

 002630

 00011C

 6EF4FF

 6EF4FF

 55F2FF

 88F6FF

 3BF0FF

 A1F8FF

 21EEFF

 BBFAFF

 08ECFF

 D4FCFF

 00ECFF

 EEFEFF

FFFFFF

# Harmonies

## Analogous

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



88F4DB



6EF4FF



7CEFFF

# Triad

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



6EF4FF



FFCEFF



FEDD9A

# Complementary

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



6EF4FF



FF796E

# 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.



FFD1A7



6EF4FF



FFC7E7

# Square

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



6EF4FF



E0D9FF



FFC8C3



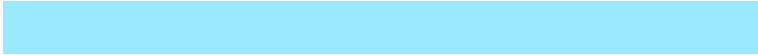
D9E8A0

# Rectangle

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



6EF4FF



9AE9FF



FFC8C3



FFD99C



# Sweetspot

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



6EF4FF



D4FCFF



6EFF78



667E80



000000



808080



# Same Dimension

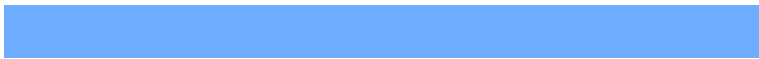
The Same Dimension uses a secret algorithm to generate beautiful new colors.



6EF4FF



52F2FF



6EADFF



737F80



00B1BF



003B40



# Inverse Universe

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



FF6EF4



FF52F2



FFC06E



80737F



BF00B1

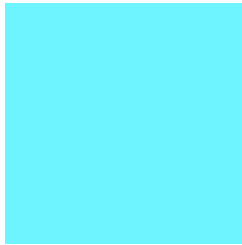


40003B



# Previews

## White Background



This preview shows how the Hex color 6EF4FF looks on a white background.

## Color Contrast Check

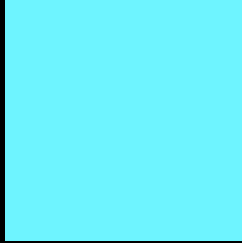
Large Text (above 18pt) WCAG AA × Fail

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 6EF4FF 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 6EF4FF Background



This preview shows how black text looks on a background with the Hex color 6EF4FF.



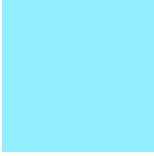
This preview shows how white text looks on a background with the Hex color 6EF4FF.

# 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](#).

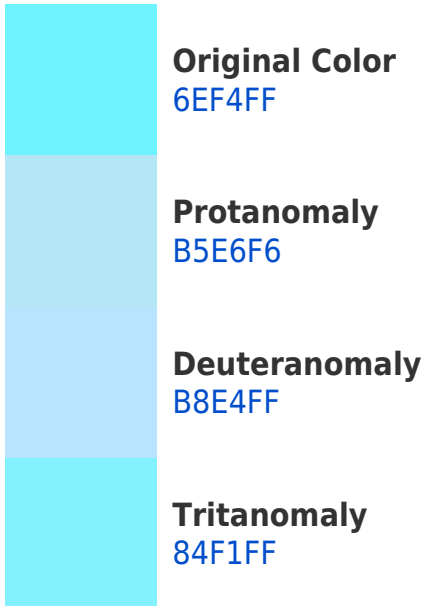
## Dichromacy



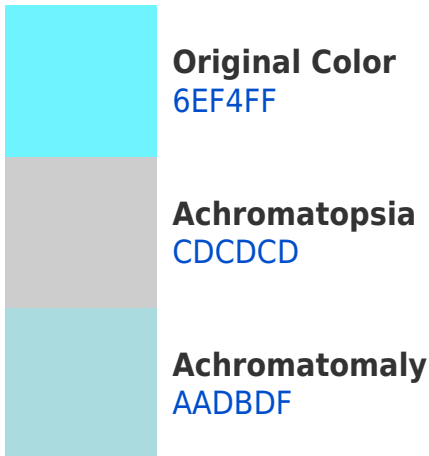


**Tritanopia**  
91EFFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EF4FF 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 #6EF4FF looks like.

```
.text, #text, p{  
    color:#6EF4FF  
}
```

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 #6EF4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EF4FF
}
```

## Border

The CSS property to change the border of an element to Hex 6EF4FF 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
#6EF4FF }
```

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

```
.border{ border-color:#6EF4FF }
```

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

Here you see how a box with a 4 pixel #6EF4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EF4FF; -webkit-box-shadow:4px 4px  
4px 4px #6EF4FF; box-shadow:4px 4px 4px  
4px #6EF4FF }
```

# Background

The CSS property to change the background color of an element to Hex 6EF4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EF4FF }
```

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

```
.background{ background-color:#6EF4FF }
```

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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