

# Converting Colors

Hex(6FA4EF)

Have a look what the booklet for  
Hex(6FA4EF) contains.

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# **Color**

**Hex(6FA4EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FA4EF
RGB	111, 164, 239
RGB Percent	44%, 64%, 94%
CMY	0.5647, 0.3569, 0.0627
CMYK	0.54, 0.31, 0.00, 0.06
HSL	215°, 80%, 69%
HSV	215°, 54%, 94%
XYZ	35.4110, 36.1624, 86.7750
YIQ	156.7030, -55.6630, 12.0890

# Conversions

## Conversions Part 2

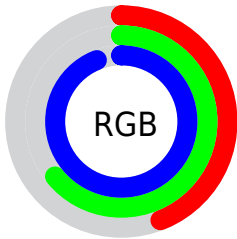
Format	Color
R <sub>Y</sub> B	111, 148, 239
Decimal	7316719
CIE Lab	66.64, 3.56, -42.94
CIE LCh	67, 43.085, 274.734
Yxy	36.1624, 0.2236, 0.2284
Android (android.graphics.Color)	4285506799 (0xFF6FA4EF)
YUV	156.7030, 40.5724, -40.0815
Hunter-Lab	60.1352, -0.1257, -43.4608

# Details

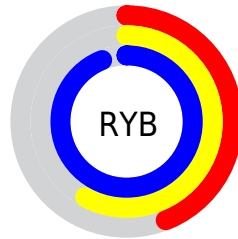
The Hex color **6FA4EF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EFBA6F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A9DBFF**, and **3071B7** is the 20% darker color. If you saturate the color by 10%, you get **5796EF**, and if you desaturate by 10%, it is **87B2EF**.

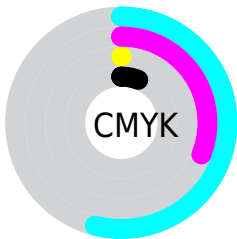
# Distribution



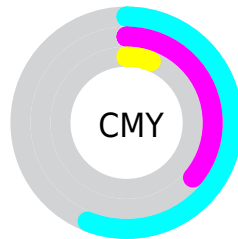
- Red (44%)
- Green (64%)
- Blue (94%)



- Red (44%)
- Yellow (58%)
- Blue (94%)



- Cyan (54%)
- Magenta (31%)
- Yellow (0%)
- Black (6%)



- Cyan (56%)
- Magenta (36%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FA4EF 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 6FA4EF by changing the saturation by 10% instead.



 6FA4EF

 6FA4EF

FFFFFF

 518AD2

 A9DBFF

 3071B7

 C7F7FF

 00589B

 E5FFFF

 004181

 002C68

 00184F

 000538

 000221

 000006

■ 6FA4EF

■ 6FA4EF

■ 5796EF

■ 87B2EF

■ 3F88EF

■ 9FC0EF

■ 277AEF

■ B7CEEF

■ 0F6CEF

■ CFDCEF

■ 0063EF

■ E6EAEF

■ FEF8EF

■ FFFFEF

# Harmonies

## Analogous

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



00AFE7



6FA4EF



AE96E2

# Triad

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



6FA4EF



E98878



5AB480

# Complementary

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



6FA4EF



EFBA6F

# 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.



8BAD61



6FA4EF



D5945C

# Square

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



6FA4EF



EB829D



B4A253



00B6A7

# Rectangle

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



6FA4EF



CC8CCF



B4A253



6CB274

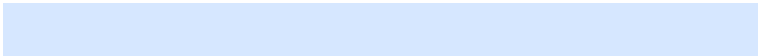


# Sweetspot

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



6FA4EF



D6E7FF



6FEFBA



677180



000000

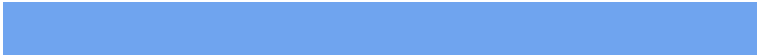


808080

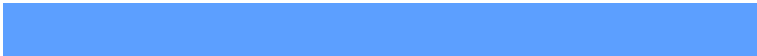


# Same Dimension

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



6FA4EF



5C9FFF



7A6FEF



6C7178



004CB8



001738



# Inverse Universe

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



EF6FA4



FF5C9F



E4EF6F



786C71



B8004C

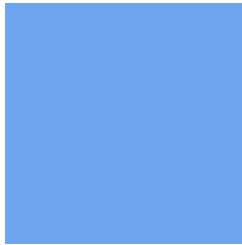


380017



# Previews

## White Background



This preview shows how the Hex color 6FA4EF looks on a white background.

## Color Contrast Check

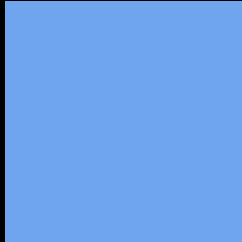
Large Text (above 18pt) WCAG AA × Fail

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 6FA4EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

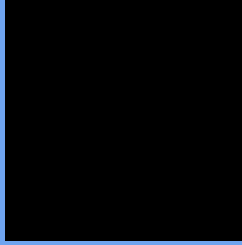
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

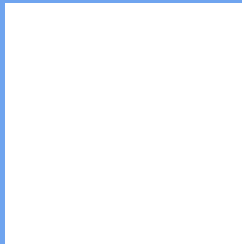
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6FA4EF Background



This preview shows how black text looks on a background with the Hex color 6FA4EF.

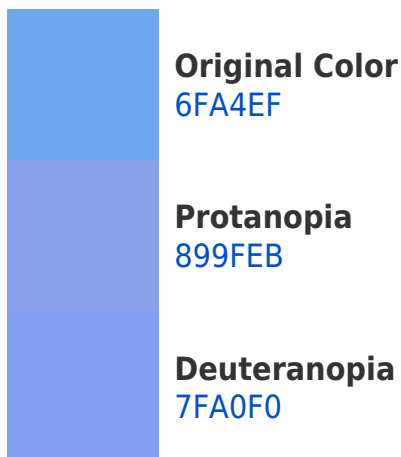


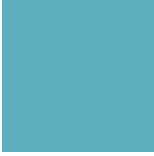
This preview shows how white text looks on a background with the Hex color 6FA4EF.

# Color Blindness Simulation

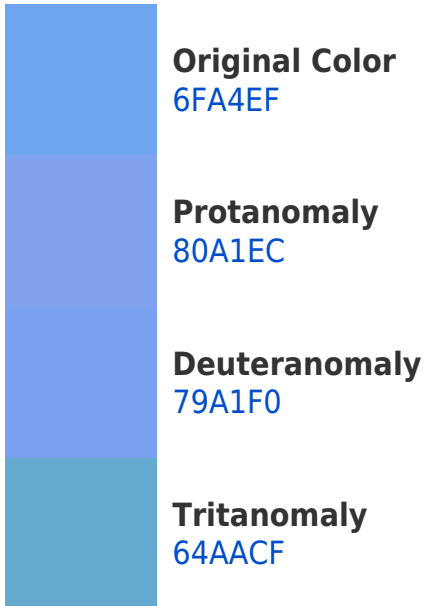
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

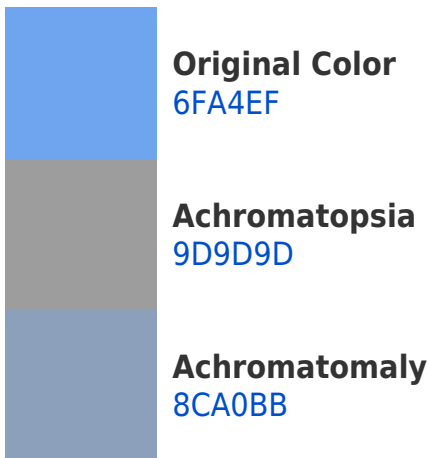




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FA4EF 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 #6FA4EF looks like.

```
.text, #text, p{  
    color:#6FA4EF  
}
```

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 #6FA4EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA4EF
}
```

## Border

The CSS property to change the border of an element to Hex 6FA4EF 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
#6FA4EF }
```

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

```
.border{ border-color:#6FA4EF }
```

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

Here you see how a box with a 4 pixel #6FA4EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA4EF; -webkit-box-shadow:4px 4px  
4px 4px #6FA4EF; box-shadow:4px 4px 4px  
4px #6FA4EF }
```

# Background

The CSS property to change the background color of an element to Hex 6FA4EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA4EF }
```

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

```
.background{ background-color:#6FA4EF }
```

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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