

# Converting Colors

Hex(6F77FA)

Have a look what the booklet for  
Hex(6F77FA) contains.

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# **Color**

**Hex(6F77FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F77FA
RGB	111, 119, 250
RGB Percent	44%, 47%, 98%
CMY	0.5647, 0.5333, 0.0196
CMYK	0.56, 0.52, 0.00, 0.02
HSL	237°, 93%, 71%
HSV	237°, 56%, 98%
XYZ	30.4077, 23.4753, 93.3710
YIQ	131.5420, -46.8190, 39.0450

# Conversions

## Conversions Part 2

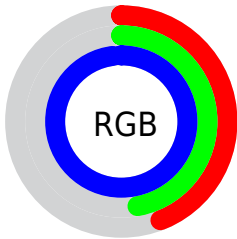
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 119, 250
Decimal	7305210
CIE <sub>Lab</sub>	55.56, 33.53, -66.63
CIE <sub>LCh</sub>	56, 74.593, 296.708
Yxy	23.4753, 0.2065, 0.1594
Android (android.graphics.Color)	4285495290 (0xFF6F77FA)
YUV	131.5420, 58.3998, -18.0153
Hunter-Lab	48.4513, 27.2355, -80.3425

# Details

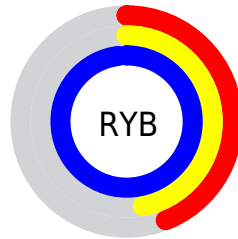
The Hex color **6F77FA** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FAF26F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ACABFF**, and **2947C1** is the 20% darker color. If you saturate the color by 10%, you get **565FFA**, and if you desaturate by 10%, it is **888FFA**.

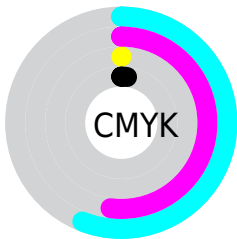
# Distribution



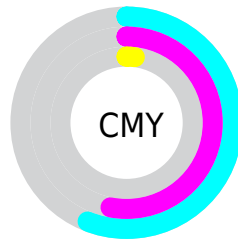
- Red (44%)
- Green (47%)
- Blue (98%)



- Red (44%)
- Yellow (47%)
- Blue (98%)



- Cyan (56%)
- Magenta (52%)
- Yellow (0%)
- Black (2%)



- Cyan (56%)
- Magenta (53%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F77FA 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 6F77FA by changing the saturation by 10% instead.



 6F77FA

 6F77FA

FFFFFF

 4F5EDD

 ACABFF

 2947C1

 CAC6FF

 0031A5

 E8E2FF

 001C8A

 000A70

 000156

 00063E

 000327

 000110

 6F77FA

 6F77FA

 565FFA

 888FFA

 3D48FA

 A1A6FA

 2430FA

 BABEFA

 0B19FA

 D3D5FA

 000EFA

 ECEDFA

 FFFFFA

# Harmonies

## Analogous

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



0090FF



6F77FA



CB55CD

# Triad

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



6F77FA



D66409



00A17C

# Complementary

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



6F77FA



FAF26F

# 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.



009C38



6F77FA



A78000

# Square

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



6F77FA



F2434F



689200



00A1BE

# Rectangle

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



6F77FA



E93EA5



689200



00A065



# Sweetspot

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



6F77FA



D4D6FF



6FFAF1



666780



000000



808080



# Same Dimension

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



6F77FA



545EFF



AB6FFA



70717D



000BBD



00043D



# Inverse Universe

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



FA6F77



FF545E



BEFA6F



7D7071



BD000B

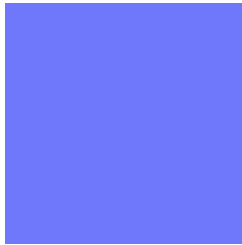


3D0004



# Previews

## White Background



This preview shows how the Hex color 6F77FA looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

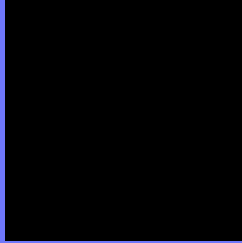
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F77FA Background



This preview shows how black text looks on a background with the Hex color 6F77FA.



This preview shows how white text looks on a background with the Hex color 6F77FA.

# 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](#).

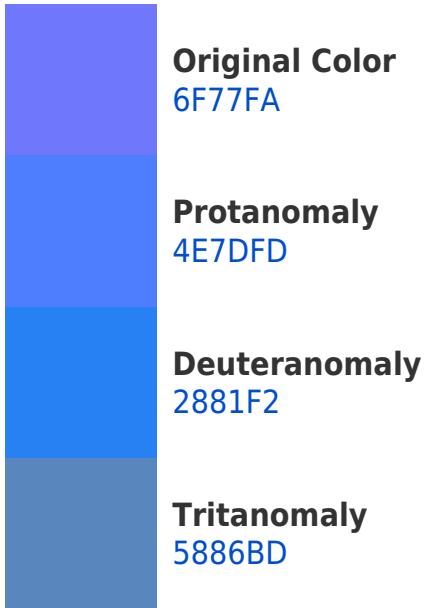
## Dichromacy



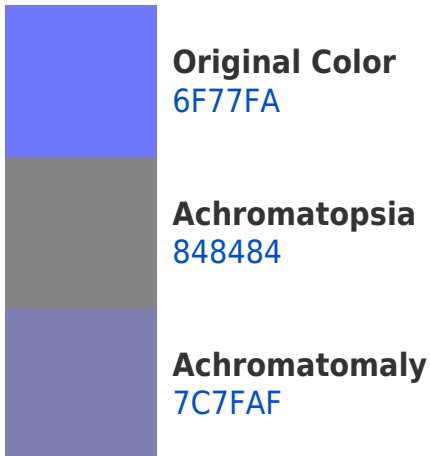


**Tritanopia**  
4B8F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F77FA 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 #6F77FA looks like.

```
.text, #text, p{  
    color:#6F77FA  
}
```

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 #6F77FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F77FA
}
```

## Border

The CSS property to change the border of an element to Hex 6F77FA 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
#6F77FA }
```

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

```
.border{ border-color:#6F77FA }
```

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

Here you see how a box with a 4 pixel #6F77FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F77FA; -webkit-box-shadow:4px 4px  
4px 4px #6F77FA; box-shadow:4px 4px 4px  
4px #6F77FA }
```

# Background

The CSS property to change the background color of an element to Hex 6F77FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F77FA }
```

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

```
.background{ background-color:#6F77FA }
```

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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