

# Converting Colors

Hex(8671F0)

Have a look what the booklet for  
Hex(8671F0) contains.

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# Color

**Hex(8671F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8671F0
RGB	134, 113, 240
RGB Percent	53%, 44%, 94%
CMY	0.4745, 0.5569, 0.0588
CMYK	0.44, 0.53, 0.00, 0.06
HSL	250°, 81%, 69%
HSV	250°, 53%, 94%
XYZ	31.4648, 23.1699, 85.2519
YIQ	133.7570, -28.2510, 43.9490

# Conversions

## Conversions Part 2

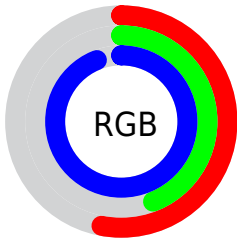
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 113, 240</a>
Decimal	<a href="#">8810992</a>
CIELab	<a href="#">55.25, 38.79, -61.50</a>
CIElCh	<a href="#">55, 72.707, 302.240</a>
Yxy	<a href="#">23.1699, 0.2249, 0.1656</a>
Android (android.graphics.Color)	<a href="#">4287001072 (0xFF8671F0)</a>
YUV	<a href="#">133.7570, 52.3778, 0.2131</a>
Hunter-Lab	<a href="#">48.1351, 32.4451, -71.3138</a>

# Details

The Hex color **8671F0** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **DBF071**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **C0A5FF**, and **4B40B7** is the 20% darker color. If you saturate the color by 10%, you get **7259F0**, and if you desaturate by 10%, it is **9A89F0**.

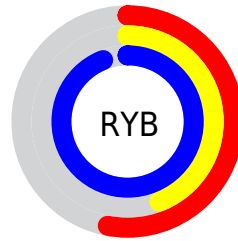
# Distribution



Red (53%)

Green (44%)

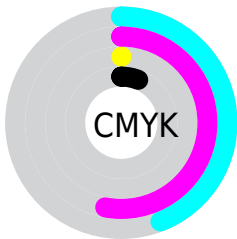
Blue (94%)



Red (53%)

Yellow (44%)

Blue (94%)

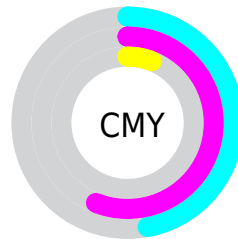


Cyan (44%)

Magenta (53%)

Yellow (0%)

Black (6%)



Cyan (47%)

Magenta (56%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8671F0 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 8671F0 by changing the saturation by 10% instead.



 8671F0

 8671F0

FFFFFF

 6958D3

 C0A5FF

 4B40B7

 DEC1FF

 2A2A9C

 FCDDFF

 001481

 FFF9FF

 000067

 00004E

 000536

 000220

 000004

 8671F0

 8671F0

 7259F0

 9A89F0

 5E41F0

 AEA1F0

 4A29F0

 C2B9F0

 3611F0

 D6D1F0

 2800F0

 EAE9F0

 FEFFF0

 FFFFF0

# Harmonies

## Analogous

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



008BFF



8671F0



D24FC0

# Triad

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



8671F0



CC6A00



00A087

# Complementary

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



8671F0



DBF071

# 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.



009C45



8671F0



9B8300

# Square

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



8671F0



EC4A45



5B9300



00A0C6

# Rectangle

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



8671F0



EB3D97



5B9300



009F71



# Sweetspot

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



8671F0



DDD6FF



71DDF0



6B6780



000000



808080



# Same Dimension

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



8671F0



775CFF



C471F0



6E6C78



1E00B8



090038



# Inverse Universe

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



F071DB



FF5CE4



9DF071



786C76



B80099

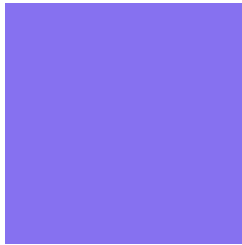


38002F



# Previews

## White Background



This preview shows how the Hex color 8671F0 looks on a white background.

## Color Contrast Check

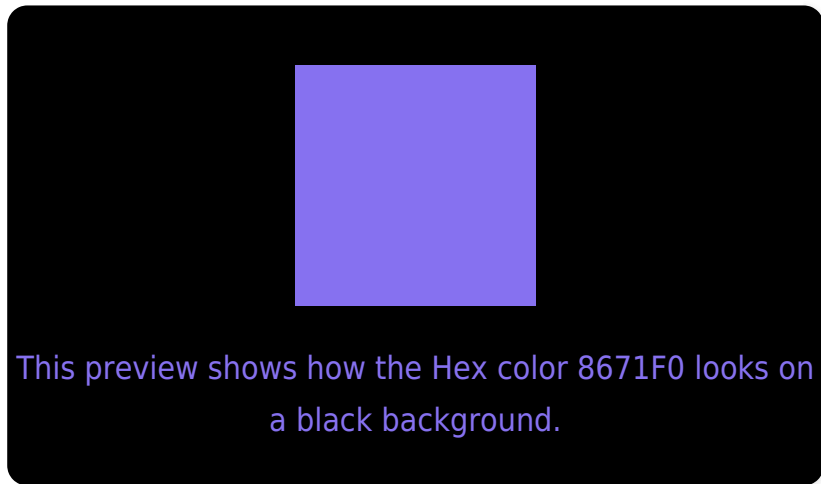
Large Text (above 18pt) WCAG AA ✓ Pass

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

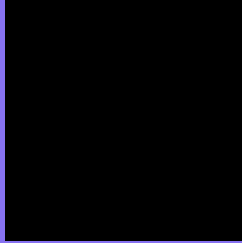
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8671F0 Background



This preview shows how black text looks on a background with the Hex color 8671F0.

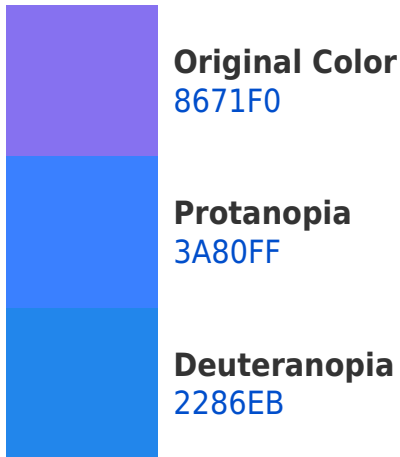


This preview shows how white text looks on a background with the Hex color 8671F0.

# 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](#).

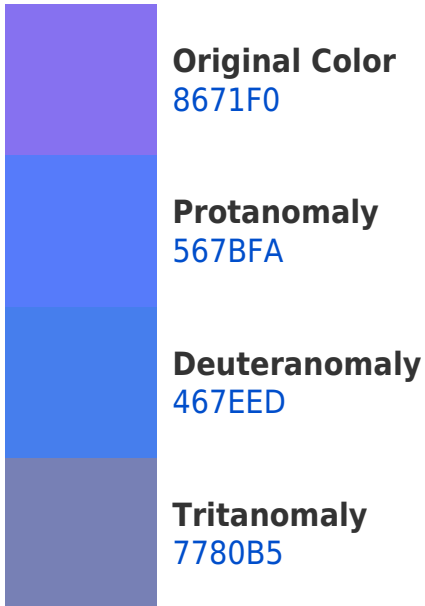
## Dichromacy



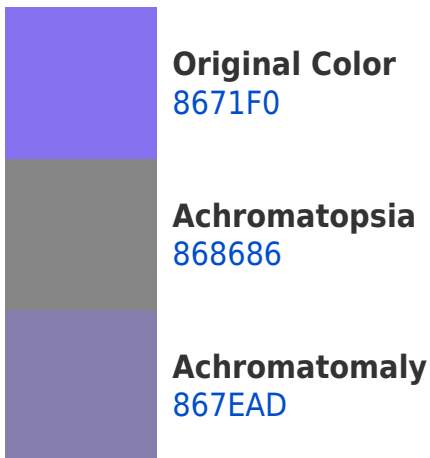


**Tritanopia**  
6E8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8671F0 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 #8671F0 looks like.

```
.text, #text, p{  
    color:#8671F0  
}
```

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 #8671F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8671F0
}
```

## Border

The CSS property to change the border of an element to Hex 8671F0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

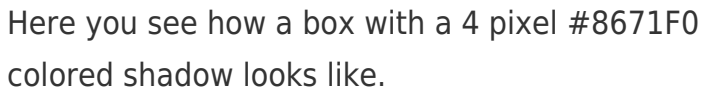
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8671F0 }
```

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

```
.border{ border-color:#8671F0 }
```

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



Here you see how a box with a 4 pixel #8671F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8671F0; -webkit-box-shadow:4px 4px  
4px 4px #8671F0; box-shadow:4px 4px 4px  
4px #8671F0 }
```

# Background

The CSS property to change the background color of an element to Hex 8671F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8671F0 }
```

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

```
.background{ background-color:#8671F0 }
```

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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