

# Converting Colors

Hex(6876F2)

Have a look what the booklet for  
Hex(6876F2) contains.

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# **Color**

**Hex(6876F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6876F2
RGB	104, 118, 242
RGB Percent	41%, 46%, 95%
CMY	0.5922, 0.5373, 0.0510
CMYK	0.57, 0.51, 0.00, 0.05
HSL	234°, 84%, 68%
HSV	234°, 57%, 95%
XYZ	28.2144, 22.3107, 86.8237
YIQ	127.9500, -48.1480, 35.5960

# Conversions

## Conversions Part 2

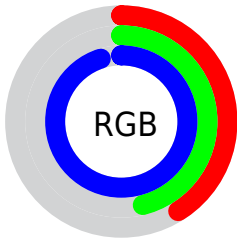
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 117, 242</a>
Decimal	<a href="#">6846194</a>
CIELab	<a href="#">54.36, 30.28, -64.16</a>
CIELCh	<a href="#">54, 70.949, 295.268</a>
Yxy	<a href="#">22.3107, 0.2054, 0.1624</a>
Android (android.graphics.Color)	<a href="#">4285036274</a> ( <a href="#">0xFF6876F2</a> )
YUV	<a href="#">127.9500, 56.2267, -21.0041</a>
Hunter-Lab	<a href="#">47.2342, 23.9633, -75.9201</a>

# Details

The Hex color **6876F2** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F2E468**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A5A AFF**, and **1F46B9** is the 20% darker color. If you saturate the color by 10%, you get **5060F2**, and if you desaturate by 10%, it is **808CF2**.

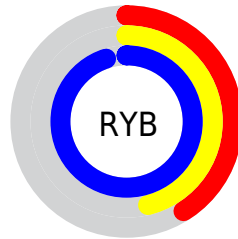
# Distribution



Red (41%)

Green (46%)

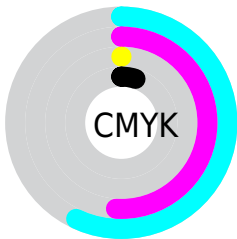
Blue (95%)



Red (41%)

Yellow (46%)

Blue (95%)

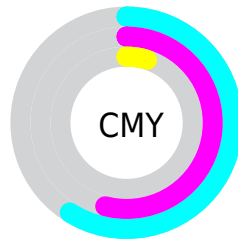


Cyan (57%)

Magenta (51%)

Yellow (0%)

Black (5%)



Cyan (59%)

Magenta (54%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6876F2 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 6876F2 by changing the saturation by 10% instead.



 6876F2

 6876F2

FFFFFF

 485DD5

 A5AAFF

 1F46B9

 C2C5FF

 00309D

 E1E1FF

 001C83

FFFEFF

 000869

 000650

 000538

 000221

 000007

■ 6876F2

■ 6876F2

■ 5060F2

■ 808CF2

■ 384BF2

■ 98A1F2

■ 1F35F2

■ B1B7F2

■ 071FF2

■ C9CDF2

■ 0019F2

■ E1E3F2

■ F9F8F2

■ FFFFF2

# Harmonies

## Analogous

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



008DFD



6876F2



C156C9

# Triad

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



6876F2



D16215



009C76

# Complementary

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



6876F2



F2E468

# 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.



009836



6876F2



A57C00

# Square

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



6876F2



EB4452



6A8E00



009DB5

# Rectangle

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



6876F2



DF42A3



6A8E00



009B61



# Sweetspot

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



6876F2



D4D8FF



68F2E2



666980



000000



808080



# Same Dimension

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



6876F2



5263FF



9D68F2



6C6D78



0013B8



000638



# Inverse Universe

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



F26876



FF5263



BDF268



786C6D



B80013

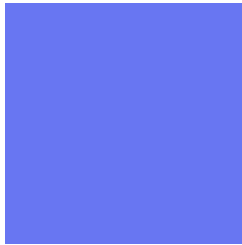


380006



# Previews

## White Background



This preview shows how the Hex color 6876F2 looks on a white background.

## Color Contrast Check

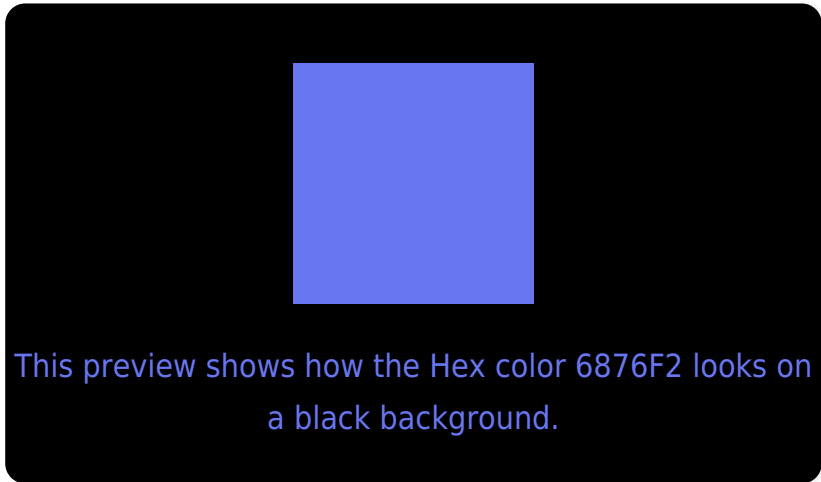
Large Text (above 18pt) WCAG AA ✓ Pass

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

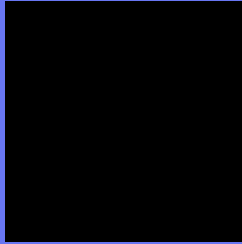
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6876F2 Background



This preview shows how black text looks on a background with the Hex color 6876F2.



This preview shows how white text looks on a background with the Hex color 6876F2.

# 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](#).

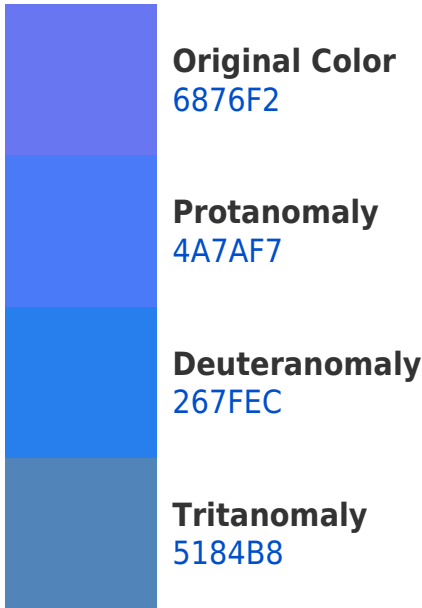
## Dichromacy



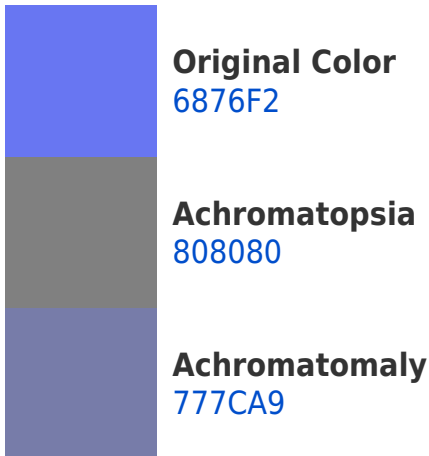


**Tritanopia**  
448C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6876F2 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 #6876F2 looks like.

```
.text, #text, p{  
    color:#6876F2  
}
```

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 #6876F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6876F2
}
```

## Border

The CSS property to change the border of an element to Hex 6876F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

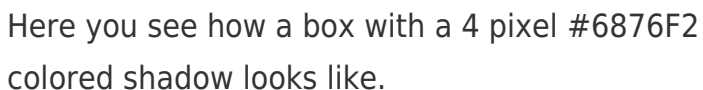
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6876F2 }
```

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

```
.border{ border-color:#6876F2 }
```

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



Here you see how a box with a 4 pixel #6876F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6876F2; -webkit-box-shadow:4px 4px  
4px 4px #6876F2; box-shadow:4px 4px 4px  
4px #6876F2 }
```

# Background

The CSS property to change the background color of an element to Hex 6876F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6876F2 }
```

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

```
.background{ background-color:#6876F2 }
```

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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