

# Converting Colors

Hex(6800F2)

Have a look what the booklet for  
Hex(6800F2) contains.

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**Color**

**Hex(6800F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6800F2
RGB	104, 0, 242
RGB Percent	41%, 0%, 95%
CMY	0.5922, 1.0000, 0.0510
CMYK	0.57, 1.00, 0.00, 0.05
HSL	266°, 100%, 47%
HSV	266°, 100%, 95%
XYZ	21.7359, 9.3539, 84.6643
YIQ	58.6840, -15.6980, 97.3100

# Conversions

## Conversions Part 2

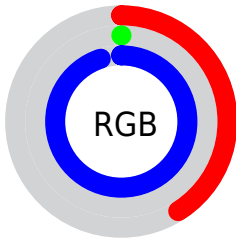
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 0, 242
Decimal	6815986
CIELab	36.66, 78.79, -93.12
CIELCh	37, 121.985, 310.235
Yxy	9.3539, 0.1878, 0.0808
Android (android.graphics.Color)	4285006066 (0xFF6800F2)
YUV	58.6840, 90.3748, 39.7421
Hunter-Lab	30.5841, 73.3368, -142.7204

# Details

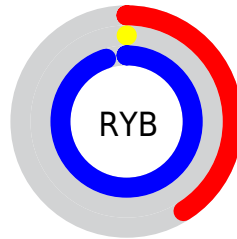
The Hex color **6800F2** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **8AF200**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A94EFF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **6800F2**, and if you desaturate by 10%, it is **7618F2**.

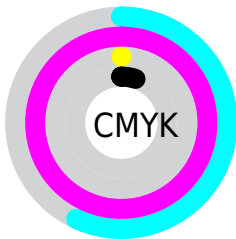
# Distribution



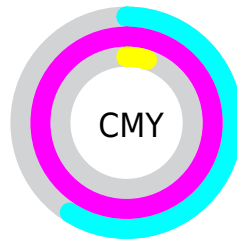
- Red (41%)
- Green (0%)
- Blue (95%)



- Red (41%)
- Yellow (0%)
- Blue (95%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (59%)
- Magenta (100%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6800F2 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 6800F2 by changing the saturation by 10% instead.



 6800F2

 6800F2

FFFFFF

 4300D5


 A94EFF

 0000B8

 C96BFF

 00009C

 E987FF

 000081

 FFA3FF

 000167


 FFC0FF

 000A4D

 FFDDFF

 000536

 FFFBFF


 00021F

 000003

 6800F2

 7618F2

 8430F2

 9149F2

 9F61F2

 AD79F2

 BB91F2

 C9A9F2

 D6C2F2

 E4DAF2

# Harmonies

## Analogous

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



005FFF



6800F2



D8009B

# Triad

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



6800F2



9C3300



007477

# Complementary

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



6800F2



8AF200

# 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.



007100



6800F2



4A5E00

# Square

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



6800F2



D50000



006D00



0077D8

# Rectangle

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



6800F2



EE005B



006D00



007355



# Sweetspot

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



6800F2



D3B3FF



008DF2



655280



000000



808080



# Same Dimension

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



6800F2



6E00FF



DE00F2



716C78



4F00B8



180038



# Inverse Universe

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



F2008A



FF0091



14F200



786C73



B80069

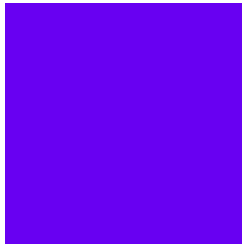


380020



# Previews

## White Background



This preview shows how the Hex color 6800F2 looks on a white background.

## Color Contrast Check

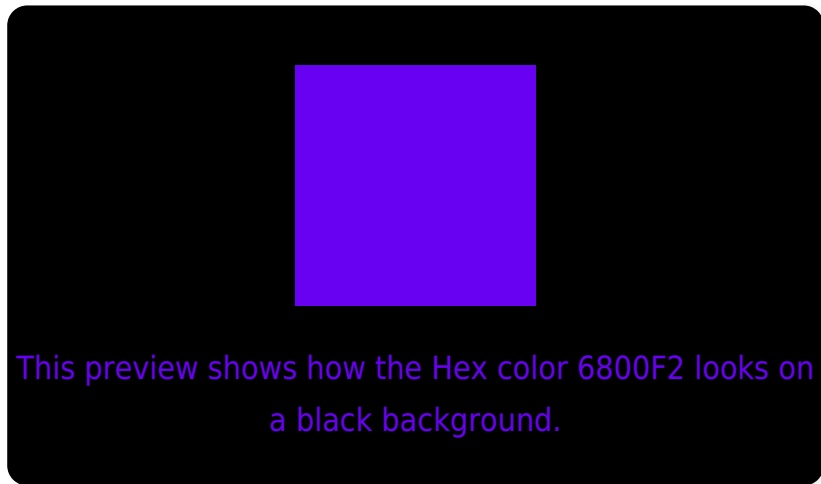
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

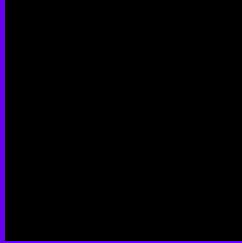
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6800F2 Background



This preview shows how black text looks on a background with the Hex color 6800F2.

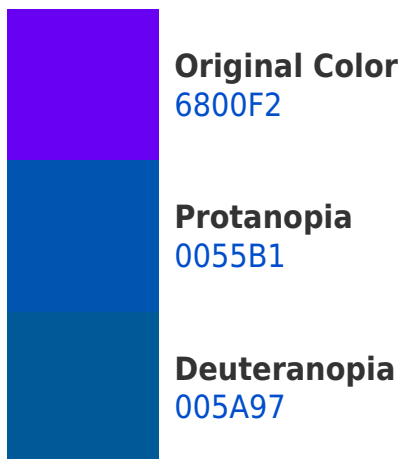



This preview shows how white text looks on a background with the Hex color 6800F2.

# 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**  
325E66

# Trichromacy



**Original Color**  
6800F2



**Protanomaly**  
2636C9



**Deuteranomaly**  
2639B8



**Tritanomaly**  
463C99

# Monochromacy



**Original Color**  
6800F2



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
4B267E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6800F2 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 #6800F2 looks like.

```
.text, #text, p{  
    color:#6800F2  
}
```

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 #6800F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6800F2
}
```

## Border

The CSS property to change the border of an element to Hex 6800F2 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".

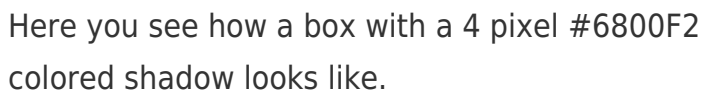
```
.border, #border, table{ border:4px solid
#6800F2 }
```

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

```
.border{ border-color:#6800F2 }
```

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

Here you see how a box with a 4 pixel #6800F2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6800F2; -webkit-box-shadow:4px 4px  
4px 4px #6800F2; box-shadow:4px 4px 4px  
4px #6800F2 }
```

# Background

The CSS property to change the background color of an element to Hex 6800F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6800F2 }
```

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

```
.background{ background-color:#6800F2 }
```

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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