

# Converting Colors

Hex(6840FC)

Have a look what the booklet for  
Hex(6840FC) contains.

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**Color**

**Hex(6840FC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6840FC
RGB	104, 64, 252
RGB Percent	41%, 25%, 99%
CMY	0.5922, 0.7490, 0.0118
CMYK	0.59, 0.75, 0.00, 0.01
HSL	253°, 97%, 62%
HSV	253°, 75%, 99%
XYZ	25.1130, 13.6381, 93.4043
YIQ	97.3920, -36.5080, 66.9480

# Conversions

## Conversions Part 2

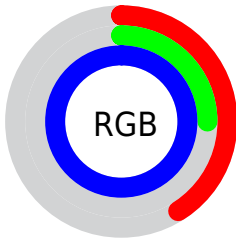
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 64, 252
Decimal	6832380
CIELab	43.71, 63.47, -87.09
CIELCh	44, 107.764, 306.086
Yxy	13.6381, 0.1900, 0.1032
Android (android.graphics.Color)	4285022460 (0xFF6840FC)
YUV	97.3920, 76.2217, 5.7952
Hunter-Lab	36.9298, 56.7563, -124.1076

# Details

The Hex color **6840FC** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D4FC40**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A974FF**, and **0404C2** is the 20% darker color. If you saturate the color by 10%, you get **5427FC**, and if you desaturate by 10%, it is **7C59FC**.

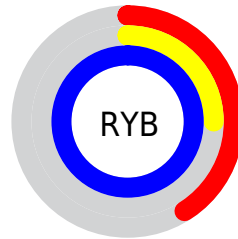
# Distribution



Red (41%)

Green (25%)

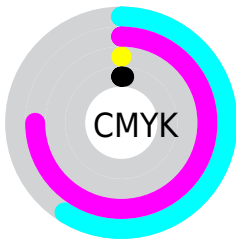
Blue (99%)



Red (41%)

Yellow (25%)

Blue (99%)

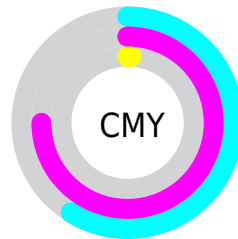


Cyan (59%)

Magenta (75%)

Yellow (0%)

Black (1%)



Cyan (59%)

Magenta (75%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6840FC 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 6840FC by changing the saturation by 10% instead.



 6840FC

 6840FC

FFFFFF

 4325DF

 A974FF

 0404C2

 C88FFF

 0000A6

 E7ABFF

 00008A

 FFC7FF

 000070

 FFE3FF

 000C56

 00063E

 000327

 000110

■ 6840FC

■ 6840FC

■ 5427FC

■ 7C59FC

■ 400EFC

■ 9072FC

■ 3600FC

■ A48CFC

■ B7A5FC

■ CBBEFC

■ DFD7FC

■ F3F0FC

FFFFFC

# Harmonies

## Analogous

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



0071FF



6840FC



D800B2

# Triad

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



6840FC



B54200



008678

# Complementary

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



6840FC



D4FC40

# 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.



00830C



6840FC



6E6B00

# Square

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



6840FC



E60000



007C00



0088D1

# Rectangle

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



6840FC



F30077



007C00



008559



# Sweetspot

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



6840FC



D3C7FF



40D6FC



655E80



000000



808080



# Same Dimension

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



6840FC



4A19FF



C440FC



73707D



2800BD



0D003D



# Inverse Universe

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



FC40D4



FF19CE



78FC40



7D707A



BD0095

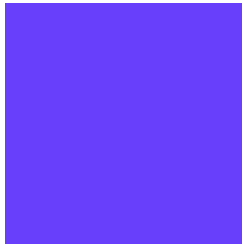


3D0030



# Previews

## White Background



This preview shows how the Hex color 6840FC 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 × Fail

# Black 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

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



## Hex 6840FC Background



This preview shows how black text looks on a background with the Hex color 6840FC.

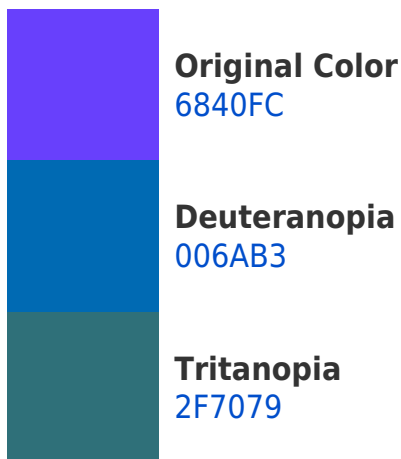


This preview shows how white text looks on a background with the Hex color 6840FC.

# 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



**Original Color**  
6840FC

**Deuteranomaly**  
265BCE

**Tritanomaly**  
445FA9

# Monochromacy



**Original Color**  
6840FC

**Achromatopsia**  
616161

**Achromatomaly**  
645599

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6840FC 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 #6840FC looks like.

```
.text, #text, p{  
    color:#6840FC  
}
```

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 #6840FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6840FC
}
```

## Border

The CSS property to change the border of an element to Hex 6840FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

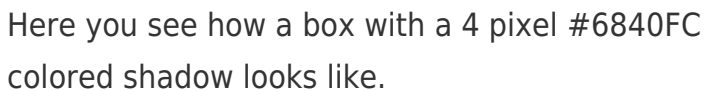
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6840FC }
```

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

```
.border{ border-color:#6840FC }
```

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



Here you see how a box with a 4 pixel #6840FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6840FC; -webkit-box-shadow:4px 4px  
4px 4px #6840FC; box-shadow:4px 4px 4px  
4px #6840FC }
```

# Background

The CSS property to change the background color of an element to Hex 6840FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6840FC }
```

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

```
.background{ background-color:#6840FC }
```

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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