

# Converting Colors

Hex(8077FC)

Have a look what the booklet for  
Hex(8077FC) contains.

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# Color

**Hex(8077FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8077FC
RGB	128, 119, 252
RGB Percent	50%, 47%, 99%
CMY	0.4980, 0.5333, 0.0118
CMYK	0.49, 0.53, 0.00, 0.01
HSL	244°, 96%, 73%
HSV	244°, 53%, 99%
XYZ	33.0696, 24.8111, 95.1415
YIQ	136.8530, -37.3290, 43.2710

# Conversions

## Conversions Part 2

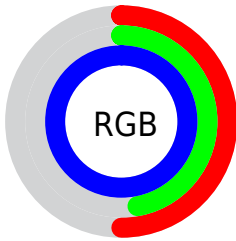
Format	Color
R <sub>Y</sub> B	128, 119, 252
Decimal	8419324
CIE Lab	56.89, 37.48, -65.53
CIE LCh	57, 75.494, 299.769
Yxy	24.8111, 0.2161, 0.1621
Android (android.graphics.Color)	4286609404 (0xFF8077FC)
YUV	136.8530, 56.7675, -7.7641
Hunter-Lab	49.8108, 31.3382, -78.3799

# Details

The Hex color **8077FC** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F3FC77**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **BBABFF**, and **4246C2** is the 20% darker color. If you saturate the color by 10%, you get **695EFC**, and if you desaturate by 10%, it is **9790FC**.

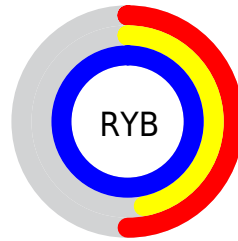
# Distribution



Red (50%)

Green (47%)

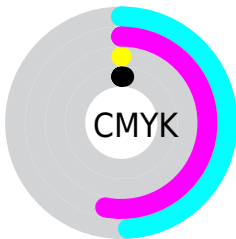
Blue (99%)



Red (50%)

Yellow (47%)

Blue (99%)

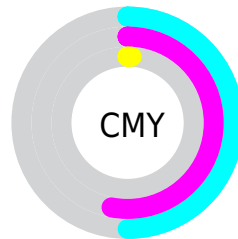


Cyan (49%)

Magenta (53%)

Yellow (0%)

Black (1%)



Cyan (50%)

Magenta (53%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8077FC 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 8077FC by changing the saturation by 10% instead.



 8077FC

 8077FC

FFFFFF

 625EDF

 BBABFF

 4246C2

 D9C7FF

 1830A7

 F8E3FF

 001B8C

 000771

 000058

 00073F

 000329

 000112

 8077FC

 8077FC

 695EFC

 9790FC

 5145FC

 AFA9FC

 3A2BFC

 C6C3FC

 2212FC

 DEDCFC

 1100FC

 F5F5FC

FFFFFFC

# Harmonies

## Analogous

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



0091FF



8077FC



D554CC

# Triad

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



8077FC



D76A00



00A586

# Complementary

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



8077FC



F3FC77

# 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.



00A141



8077FC



A58600

# Square

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



8077FC



F6494B



639700



00A5C8

# Rectangle

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



8077FC



F13EA2



639700



00A46F



# Sweetspot

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



8077FC



D9D6FF



77F3FC



696780



000000



808080



# Same Dimension

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



8077FC



695EFF



C277FC



71707D



0D00BD



04003D



# Inverse Universe

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



FC77F3



FF5EF4



B1FC77



7D707C



BD00B0

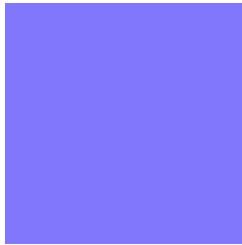


3D0039



# Previews

## White Background



This preview shows how the Hex color 8077FC 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

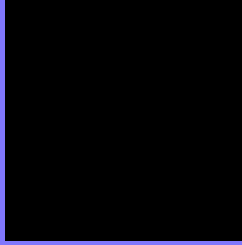
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8077FC Background



This preview shows how black text looks on a background with the Hex color 8077FC.

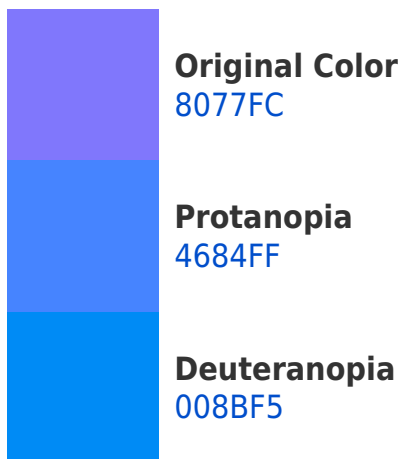


This preview shows how white text looks on a background with the Hex color 8077FC.

# 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**  
638F9B

# Trichromacy



**Original Color**  
8077FC

**Protanomaly**  
5B7FFE

**Deuteranomaly**  
2F84F8

**Tritanomaly**  
6E86BE

# Monochromacy



**Original Color**  
8077FC

**Achromatopsia**  
898989

**Achromatomaly**  
8682B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8077FC 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 #8077FC looks like.

```
.text, #text, p{  
    color:#8077FC  
}
```

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 #8077FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8077FC
}
```

## Border

The CSS property to change the border of an element to Hex 8077FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

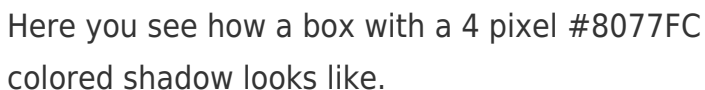
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8077FC }
```

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

```
.border{ border-color:#8077FC }
```

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



Here you see how a box with a 4 pixel #8077FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8077FC; -webkit-box-shadow:4px 4px  
4px 4px #8077FC; box-shadow:4px 4px 4px  
4px #8077FC }
```

# Background

The CSS property to change the background color of an element to Hex 8077FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8077FC }
```

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

```
.background{ background-color:#8077FC }
```

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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