

# Converting Colors

Hex(7C6CF9)

Have a look what the booklet for  
Hex(7C6CF9) contains.

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# Color

Hex(7C6CF9)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C6CF9
RGB	124, 108, 249
RGB Percent	49%, 42%, 98%
CMY	0.5137, 0.5765, 0.0235
CMYK	0.50, 0.57, 0.00, 0.02
HSL	247°, 92%, 70%
HSV	247°, 57%, 98%
XYZ	30.7736, 21.8498, 92.2180
YIQ	128.8580, -35.7250, 47.2430

# Conversions

## Conversions Part 2

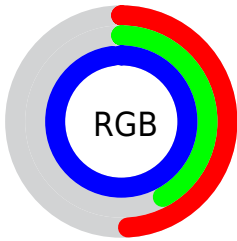
Format	Color
R <sub>Y</sub> B	124, 108, 249
Decimal	8154361
CIE Lab	53.87, 42.18, -68.77
CIE LCh	54, 80.672, 301.526
Yxy	21.8498, 0.2125, 0.1509
Android (android.graphics.Color)	4286344441 (0xFF7C6CF9)
YUV	128.8580, 59.2300, -4.2605
Hunter-Lab	46.7437, 35.7135, -84.2492

# Details

The Hex color **7C6CF9** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **E9F96C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B8A0FF**, and **3C3CC0** is the 20% darker color. If you saturate the color by 10%, you get **6653F9**, and if you desaturate by 10%, it is **9285F9**.

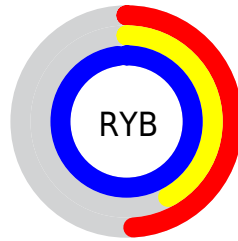
# Distribution



Red (49%)

Green (42%)

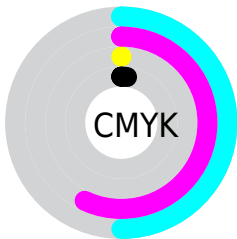
Blue (98%)



Red (49%)

Yellow (42%)

Blue (98%)

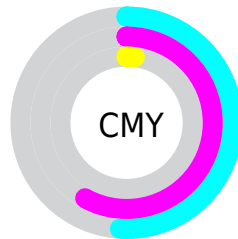


Cyan (50%)

Magenta (57%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (58%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C6CF9 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 7C6CF9 by changing the saturation by 10% instead.



 7C6CF9

 7C6CF9

FFFFFF

 5D53DC

 B8A0FF

 3C3CC0

 D6BBFF

 0925A4

 F4D7FF

 001089

 FFF4FF

 00006E

 000055

 00063D

 000326

 00010F

■ 7C6CF9

■ 7C6CF9

■ 6653F9

■ 9285F9

■ 503AF9

■ A89EF9

■ 3A21F9

■ BEB7F9

■ 2408F9

■ D4D0F9

■ 1C00F9

■ EAE9F9

■ FFFFF9

# Harmonies

## Analogous

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



0089FF



7C6CF9



D441C4

# Triad

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



7C6CF9



CF6200



009E83

# Complementary

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



7C6CF9



E9F96C

# 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.



009A38



7C6CF9



997F00

# Square

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



7C6CF9



F1383C



519100



009EC8

# Rectangle

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



7C6CF9



F02298



519100



009D6A



# Sweetspot

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



7C6CF9



D9D4FF



6CEBF9



696680



000000



808080



# Same Dimension

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



7C6CF9



6552FF



C16CF9



72707D



1500BD



07003D



# Inverse Universe

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



F96CE9



FF52EB



A4F96C



7D707C



BD00A7

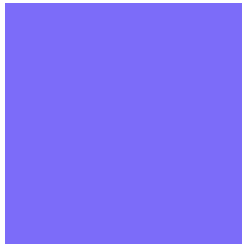


3D0036



# Previews

## White Background



This preview shows how the Hex color 7C6CF9 looks on a white background.

## Color Contrast Check

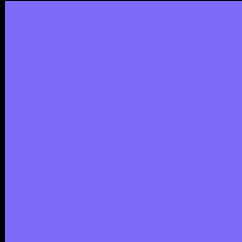
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7C6CF9 looks on a 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 7C6CF9 Background



This preview shows how black text looks on a background with the Hex color 7C6CF9.



This preview shows how white text looks on a background with the Hex color 7C6CF9.

# 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](#).

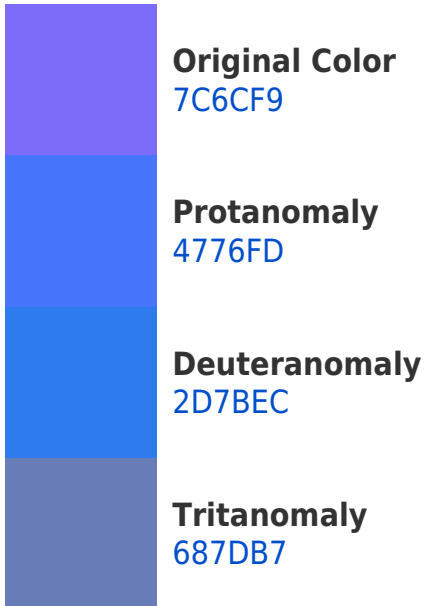
## Dichromacy



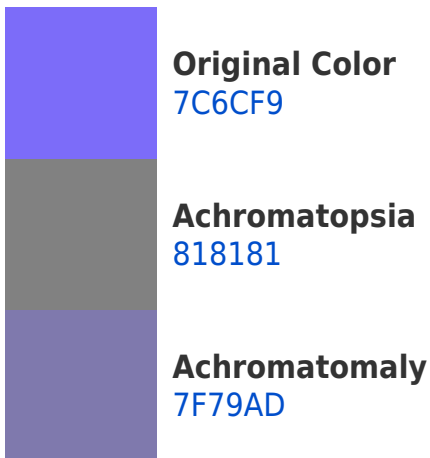


**Tritanopia**  
5D8792

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C6CF9 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 #7C6CF9 looks like.

```
.text, #text, p{  
    color:#7C6CF9  
}
```

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 #7C6CF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6CF9
}
```

## Border

The CSS property to change the border of an element to Hex 7C6CF9 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
#7C6CF9 }
```

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

```
.border{ border-color:#7C6CF9 }
```

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

Here you see how a box with a 4 pixel #7C6CF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6CF9; -webkit-box-shadow:4px 4px  
4px 4px #7C6CF9; box-shadow:4px 4px 4px  
4px #7C6CF9 }
```

# Background

The CSS property to change the background color of an element to Hex 7C6CF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6CF9 }
```

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

```
.background{ background-color:#7C6CF9 }
```

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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