

# Converting Colors

Hex(7E7CF9)

Have a look what the booklet for  
Hex(7E7CF9) contains.

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# Color

Hex(7E7CF9)

# Conversions

## Conversions Part 1

Format	Color
Hex	7E7CF9
RGB	126, 124, 249
RGB Percent	49%, 49%, 98%
CMY	0.5059, 0.5137, 0.0235
CMYK	0.49, 0.50, 0.00, 0.02
HSL	241°, 91%, 73%
HSV	241°, 50%, 98%
XYZ	32.9107, 25.6905, 92.8467
YIQ	138.8480, -38.9330, 39.2990

# Conversions

## Conversions Part 2

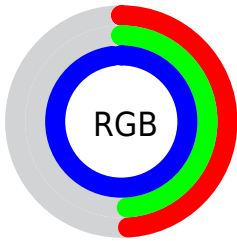
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	126, 124, 249
Decimal	8289529
CIE Lab	57.74, 33.25, -62.51
CIE LCh	58, 70.807, 298.008
Yxy	25.6905, 0.2173, 0.1696
Android (android.graphics.Color)	4286479609 (0xFF7E7CF9)
YUV	138.8480, 54.3049, -11.2677
Hunter-Lab	50.6858, 27.2015, -73.1280

# Details

The Hex color **7E7CF9** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F7F97C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B9B1FF**, and **404BC0** is the 20% darker color. If you saturate the color by 10%, you get **6563F9**, and if you desaturate by 10%, it is **9795F9**.

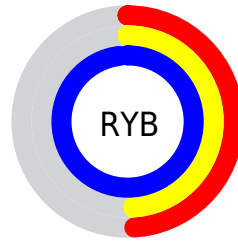
# Distribution



Red (49%)

Green (49%)

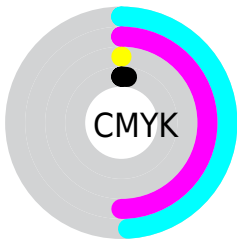
Blue (98%)



Red (49%)

Yellow (49%)

Blue (98%)

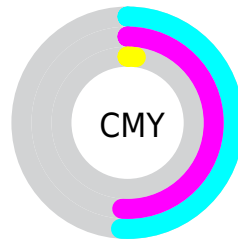


Cyan (49%)

Magenta (50%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (51%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E7CF9 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 7E7CF9 by changing the saturation by 10% instead.



 7E7CF9

 7E7CF9

FFFFFF

 6063DC

 B9B1FF

 404BC0

 D7CCFF

 1735A4

 F5E8FF

 001F89

 000D6F

 000056

 00063D

 000327

 000110

■ 7E7CF9

■ 7E7CF9

■ 6563F9

■ 9795F9

■ 4D4AF9

■ AFAEF9

■ 3431F9

■ C8C7F9

■ 1C18F9

■ E0E0F9

■ 0400F9

■ F9F9F9

■ FFFFF9

# Harmonies

## Analogous

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



0094FF



7E7CF9



D05DCD

# Triad

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



7E7CF9



D96D1A



00A685

# Complementary

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



7E7CF9



F7F97C

# 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.



00A244



7E7CF9



AA8700

# Square

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



7E7CF9



F45055



6E9800



00A6C3

# Rectangle

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



7E7CF9



EC4BA6



6E9800



00A56F



# Sweetspot

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



7E7CF9



D9D9FF



7CF9F9



696980



000000



808080



# Same Dimension

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



7E7CF9



6866FF



BB7CF9



71707D



0300BD



01003D



# Inverse Universe

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



F97CF7



FF66FD



BBF97C



7D707D



BD00BA

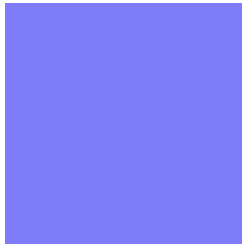


3D003C



# Previews

## White Background



This preview shows how the Hex color 7E7CF9 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

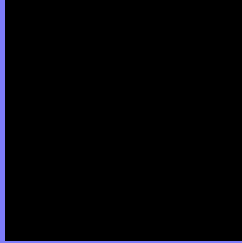
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E7CF9 Background



This preview shows how black text looks on a background with the Hex color 7E7CF9.



This preview shows how white text looks on a background with the Hex color 7E7CF9.

# 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](#).

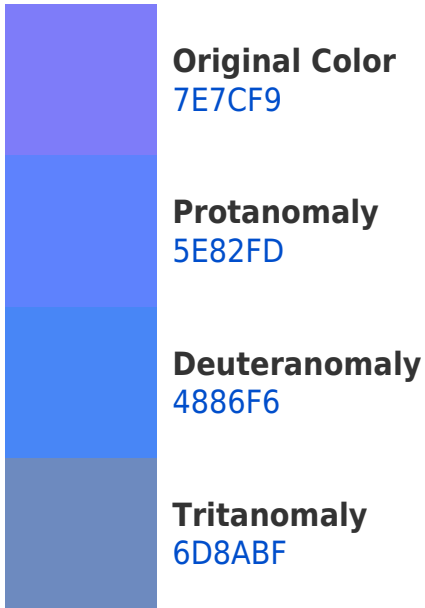
## Dichromacy





**Tritanopia**  
63929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E7CF9 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 #7E7CF9 looks like.

```
.text, #text, p{  
    color:#7E7CF9  
}
```

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 #7E7CF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E7CF9
}
```

## Border

The CSS property to change the border of an element to Hex 7E7CF9 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
#7E7CF9 }
```

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

```
.border{ border-color:#7E7CF9 }
```

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

Here you see how a box with a 4 pixel #7E7CF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E7CF9; -webkit-box-shadow:4px 4px  
4px 4px #7E7CF9; box-shadow:4px 4px 4px  
4px #7E7CF9 }
```

# Background

The CSS property to change the background color of an element to Hex 7E7CF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E7CF9 }
```

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

```
.background{ background-color:#7E7CF9 }
```

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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