

# Converting Colors

Hex(7C4AF5)

Have a look what the booklet for  
Hex(7C4AF5) contains.

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**Color**

**Hex(7C4AF5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C4AF5
RGB	124, 74, 245
RGB Percent	49%, 29%, 96%
CMY	0.5137, 0.7098, 0.0392
CMYK	0.49, 0.70, 0.00, 0.04
HSL	258°, 90%, 63%
HSV	258°, 70%, 96%
XYZ	27.2424, 15.7752, 87.9953
YIQ	108.4440, -25.0910, 63.7810

# Conversions

## Conversions Part 2

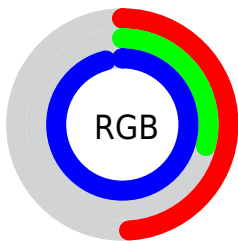
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 74, 245
Decimal	8145653
CIELab	46.68, 59.50, -78.23
CIELCh	47, 98.284, 307.257
Yxy	15.7752, 0.2079, 0.1204
Android (android.graphics.Color)	4286335733 (0xFF7C4AF5)
YUV	108.4440, 67.3221, 13.6426
Hunter-Lab	39.7180, 52.9257, -103.5544

# Details

The Hex color **7C4AF5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **C3F54A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B97EFF**, and **3914BB** is the 20% darker color. If you saturate the color by 10%, you get **6B31F5**, and if you desaturate by 10%, it is **8D62F5**.

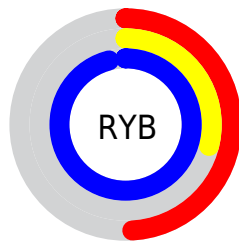
# Distribution



Red (49%)

Green (29%)

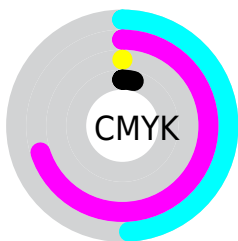
Blue (96%)



Red (49%)

Yellow (29%)

Blue (96%)

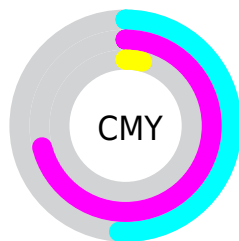


Cyan (49%)

Magenta (70%)

Yellow (0%)

Black (4%)



Cyan (51%)

Magenta (71%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C4AF5 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 7C4AF5 by changing the saturation by 10% instead.



 7C4AF5

 7C4AF5

FFFFFF

 5C30D8

 B97EFF

 3914BB

 D899FF

 0000A0

 F6B5FF


 000084

 FFD1FF


 00006A

 FFEEFF

 000951

 000539

 000222

 000009

 7C4AF5

 7C4AF5

 6B31F5

 8D62F5

 5919F5

 9F7BF5

 4800F5

 B093F5

 C1ACF5

 D3C4F5

 E4DDF5

 F5F6F5

 FFFFF5

# Harmonies

## Analogous

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



0075FF



7C4AF5



DA00B0

# Triad

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



7C4AF5



B85000



008D82

# Complementary

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



7C4AF5



C3F54A

# 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.



008A26



7C4AF5



757200

# Square

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



7C4AF5



E60007



008300



008ED2

# Rectangle

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



7C4AF5



F2007A



008300



008D65



# Sweetspot

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



7C4AF5



D9C9FF



4AC5F5



696080



000000



808080



# Same Dimension

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



7C4AF5



6729FF



D04AF5



726E7A



3600BA



11003B



# Inverse Universe

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



F54AC3



FF29C0



6FF54A



7A6E77



BA0084

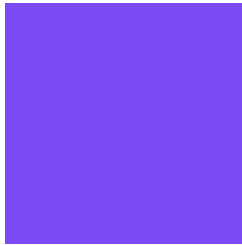


3B002A



# Previews

## White Background



This preview shows how the Hex color 7C4AF5 looks on a white background.

## Color Contrast Check

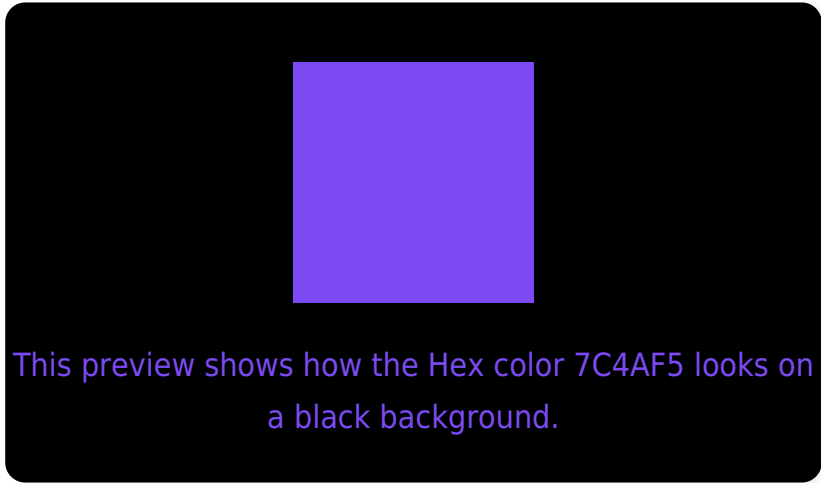
Large Text (above 18pt) WCAG AA ✓ Pass

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

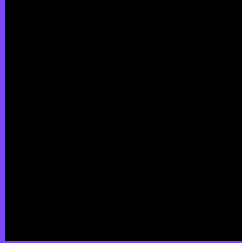
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C4AF5 Background



This preview shows how black text looks on a background with the Hex color 7C4AF5.

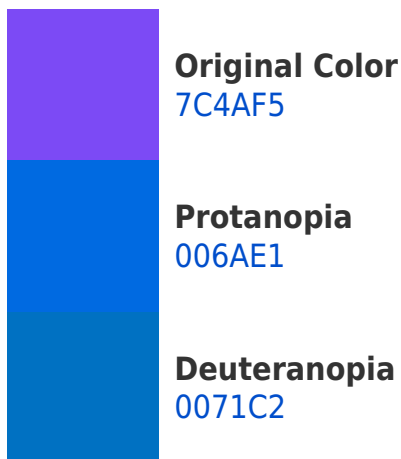


This preview shows how white text looks on a background with the Hex color 7C4AF5.

# 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](#).

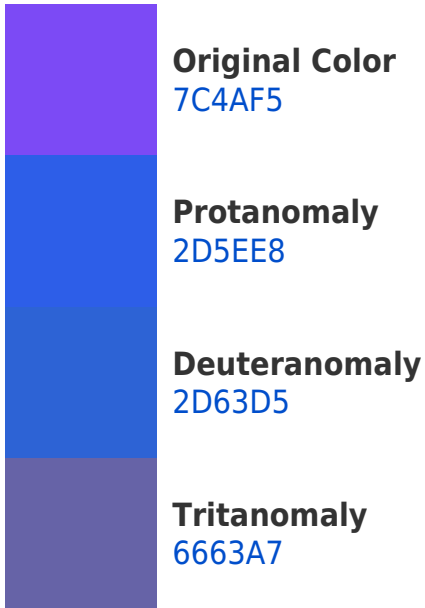
## Dichromacy



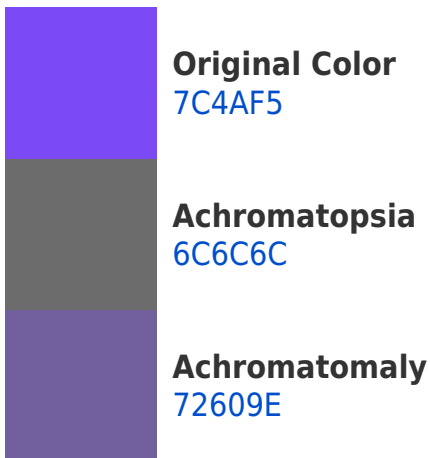


**Tritanopia**  
59727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C4AF5 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 #7C4AF5 looks like.

```
.text, #text, p{  
    color:#7C4AF5  
}
```

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 #7C4AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4AF5
}
```

## Border

The CSS property to change the border of an element to Hex 7C4AF5 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
#7C4AF5 }
```

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

```
.border{ border-color:#7C4AF5 }
```

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

Here you see how a box with a 4 pixel #7C4AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4AF5; -webkit-box-shadow:4px 4px  
4px 4px #7C4AF5; box-shadow:4px 4px 4px  
4px #7C4AF5 }
```

# Background

The CSS property to change the background color of an element to Hex 7C4AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4AF5 }
```

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

```
.background{ background-color:#7C4AF5 }
```

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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