

# Converting Colors

Hex(7C4CAE)

Have a look what the booklet for  
Hex(7C4CAE) contains.

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# Color

**Hex(7C4CAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C4CAE
RGB	124, 76, 174
RGB Percent	49%, 30%, 68%
CMY	0.5137, 0.7020, 0.3176
CMYK	0.29, 0.56, 0.00, 0.32
HSL	269°, 39%, 49%
HSV	269°, 56%, 68%
XYZ	18.5366, 12.5100, 41.4821
YIQ	101.5240, -2.8500, 40.6540

# Conversions

## Conversions Part 2

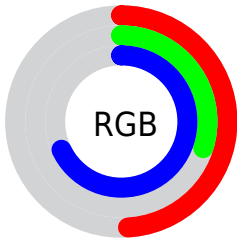
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 76, 174
Decimal	8146094
CIE <sub>Lab</sub>	42.02, 39.89, -44.96
CIE <sub>LCh</sub>	42, 60.106, 311.581
Yxy	12.5100, 0.2556, 0.1725
Android (android.graphics.Color)	4286336174 (0xFF7C4CAE)
YUV	101.5240, 35.7307, 19.7115
Hunter-Lab	35.3694, 31.6528, -44.7781

# Details

The Hex color **7C4CAE** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7EAE4C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **B37FE6**, and **471C79** is the 20% darker color. If you saturate the color by 10%, you get **733BAE**, and if you desaturate by 10%, it is **855DAE**.

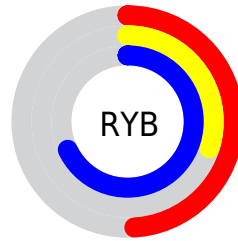
# Distribution



Red (49%)

Green (30%)

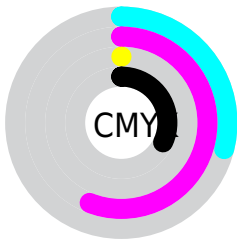
Blue (68%)



Red (49%)

Yellow (30%)

Blue (68%)

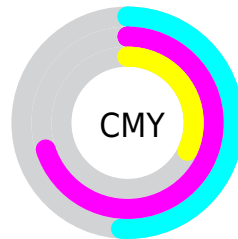


Cyan (29%)

Magenta (56%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (70%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C4CAE 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 7C4CAE by changing the saturation by 10% instead.



 7C4CAE

 7C4CAE

FFFFFF

 613493

 B37FE6

 471C79

 D099FF

 2C025F

 EDB4FF

 140047

 FFD0FF

 000030

 FFEDFF

 00011A

 000000

 7C4CAE

 7C4CAE

 733BAE

 855DAE

6A29AE

8E6FAE

6118AE

9780AE

5806AE

A092AE

5500AE

A8A3AE

B1B4AE

BAC6AE

C3D7AE

CCE9AE

# Harmonies

## Analogous

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



0063C5



7C4CAE



AB3184

# Triad

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



7C4CAE



915500



007976

# Complementary

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



7C4CAE



7EAE4C

# 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.



007742



7C4CAE



676700

# Square

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



7C4CAE



AE3D23



2C7208



0078A4

# Rectangle

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



7C4CAE



B82763



2C7208



007964



# Sweetspot

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



7C4CAE



CFBCE3



4C7FAE



675C73



F2F2F2



737373



# Same Dimension

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



7C4CAE



9449E3



AC4CAE



524E57



4A0096



0B0017



# Inverse Universe

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



AE4C7E



E34997



4EAE4C



574E52



96004D

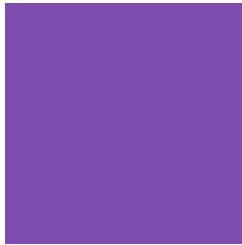


17000C



# Previews

## White Background



This preview shows how the Hex color 7C4CAE looks on a white background.

## Color Contrast Check

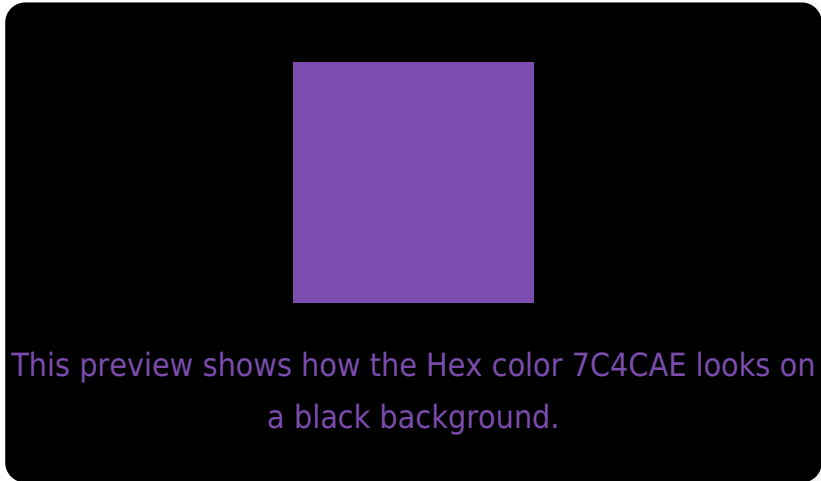
Large Text (above 18pt) WCAG AA ✓ Pass

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

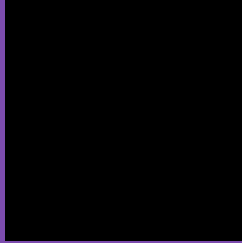
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C4CAE Background



This preview shows how black text looks on a background with the Hex color 7C4CAE.



This preview shows how white text looks on a background with the Hex color 7C4CAE.

# 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



**Original Color**  
7C4CAE

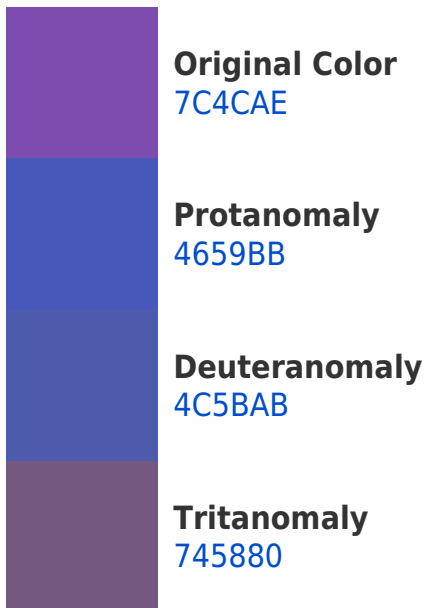
**Protanopia**  
2760C3

**Deuteranopia**  
3164A9

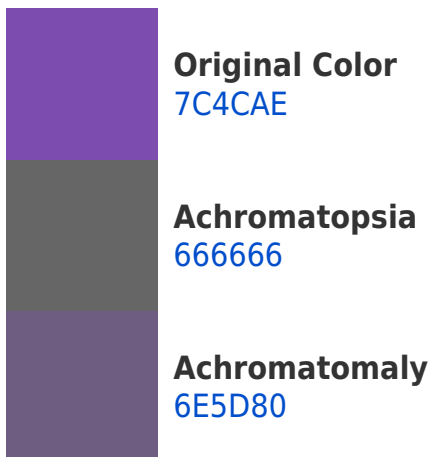


**Tritanopia**  
6F5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C4CAE 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 #7C4CAE looks like.

```
.text, #text, p{  
    color:#7C4CAE  
}
```

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 #7C4CAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4CAE
}
```

## Border

The CSS property to change the border of an element to Hex 7C4CAE is called "border". The border property can be set on classes, ids or directly on the HTML element.

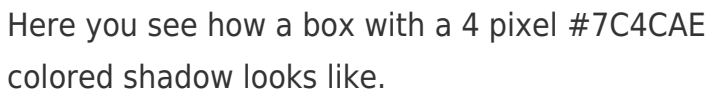
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C4CAE }
```

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

```
.border{ border-color:#7C4CAE }
```

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



Here you see how a box with a 4 pixel #7C4CAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4CAE; -webkit-box-shadow:4px 4px  
4px 4px #7C4CAE; box-shadow:4px 4px 4px  
4px #7C4CAE }
```

# Background

The CSS property to change the background color of an element to Hex 7C4CAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4CAE }
```

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

```
.background{ background-color:#7C4CAE }
```

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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