

# Converting Colors

Hex(7C7CBF)

Have a look what the booklet for  
Hex(7C7CBF) contains.

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# Color

Hex(7C7CBF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C7CBF
RGB	124, 124, 191
RGB Percent	49%, 49%, 75%
CMY	0.5137, 0.5137, 0.2510
CMYK	0.35, 0.35, 0.00, 0.25
HSL	240°, 34%, 62%
HSV	240°, 35%, 75%
XYZ	24.9238, 22.4620, 52.3122
YIQ	131.6380, -21.5070, 20.8370

# Conversions

## Conversions Part 2

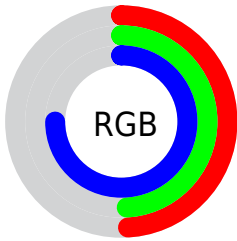
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 124, 191
Decimal	8158399
CIELab	54.51, 16.09, -35.07
CIELCh	55, 38.585, 294.653
Yxy	22.4620, 0.2500, 0.2253
Android (android.graphics.Color)	4286348479 (0xFF7C7CBF)
YUV	131.6380, 29.2655, -6.6985
Hunter-Lab	47.3941, 10.9307, -32.2667

# Details

The Hex color **7C7CBF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BFBF7C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B2B0F8**, and **484B89** is the 20% darker color. If you saturate the color by 10%, you get **6969BF**, and if you desaturate by 10%, it is **8F8FBF**.

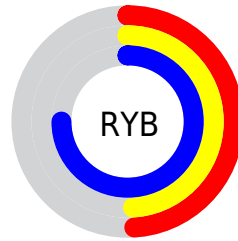
# Distribution



Red (49%)

Green (49%)

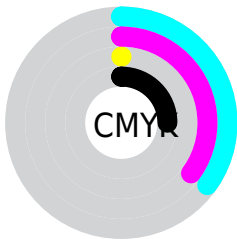
Blue (75%)



Red (49%)

Yellow (49%)

Blue (75%)

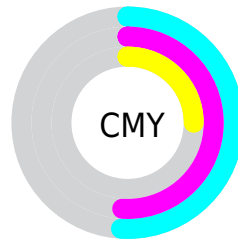


Cyan (35%)

Magenta (35%)

Yellow (0%)

Black (25%)



Cyan (51%)

Magenta (51%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C7CBF 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 7C7CBF by changing the saturation by 10% instead.



■ 7C7CBF

■ 7C7CBF

FFFFFF

■ 6263A4

■ B2B0F8

■ 484B89

■ CFCCFF

■ 2E356F

■ EBE8FF

■ 112057

■ 000A3F

■ 000328

■ 000112

■ 000000

■ 7C7CBF

■ 7C7CBF

6969BF

8F8FBF

5656BF

A2A2BF

4343BF

B5B5BF

3030BF

C8C8BF

1C1CBF

DCDCBF

0909BF

EFEFBF

0000BF

FFFFBF

# Harmonies

## Analogous

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



3B88C4



7C7CBF



A66FA9

# Triad

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



7C7CBF



B5724D



0E937B

# Complementary

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



7C7CBF



BFBF7C

# 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.



53905A



7C7CBF



9C7E3F

# Square

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



7C7CBF



C16968



7B8944



00939D

# Rectangle

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



7C7CBF



B86995



7B8944



2F9270



# Sweetspot

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



7C7CBF



DCDCF7



7CBFBF



6D6D7D



FCFCFC



7D7D7D



# Same Dimension

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



7C7CBF



8F8FF7



9E7CBF



55555E



00009E



00001F



# Inverse Universe

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



BF7CBF



F78FF7



9EBF7C



5E555E



9E009E

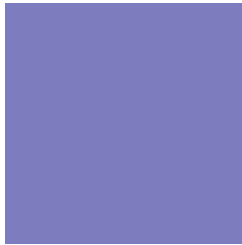


1F001F



# Previews

## White Background



This preview shows how the Hex color 7C7CBF looks on a white background.

## Color Contrast Check

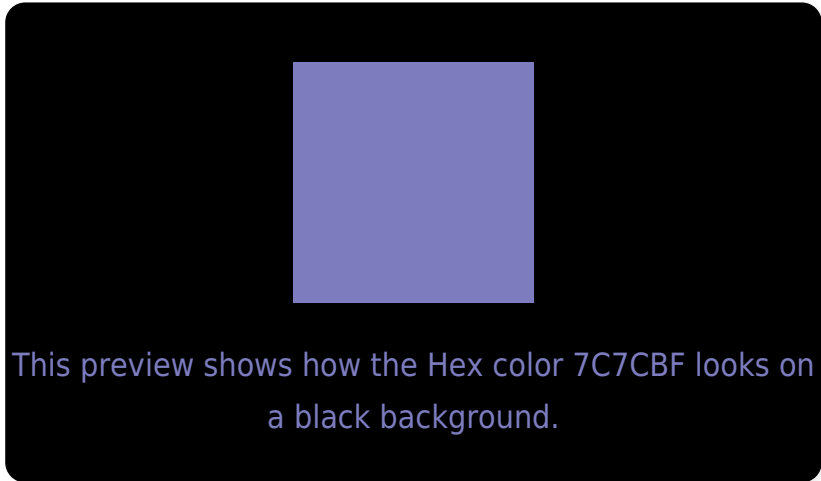
Large Text (above 18pt) WCAG AA ✓ Pass

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

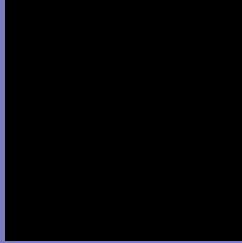
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C7CBF Background



This preview shows how black text looks on a background with the Hex color 7C7CBF.



This preview shows how white text looks on a background with the Hex color 7C7CBF.

# 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](#).

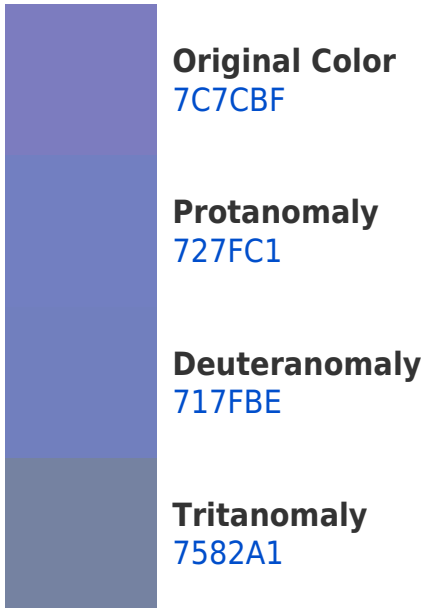
## Dichromacy





**Tritanopia**  
718590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C7CBF 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 #7C7CBF looks like.

```
.text, #text, p{  
    color:#7C7CBF  
}
```

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 #7C7CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C7CBF
}
```

## Border

The CSS property to change the border of an element to Hex 7C7CBF 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
#7C7CBF }
```

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

```
.border{ border-color:#7C7CBF }
```

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

Here you see how a box with a 4 pixel #7C7CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C7CBF; -webkit-box-shadow:4px 4px  
4px 4px #7C7CBF; box-shadow:4px 4px 4px  
4px #7C7CBF }
```

# Background

The CSS property to change the background color of an element to Hex 7C7CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C7CBF }
```

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

```
.background{ background-color:#7C7CBF }
```

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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