

# Converting Colors

Hex(7C6CC3)

Have a look what the booklet for  
Hex(7C6CC3) contains.

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# Color

Hex(7C6CC3)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7C6CC3                      |
| RGB         | 124, 108, 195               |
| RGB Percent | 49%, 42%, 76%               |
| CMY         | 0.5137, 0.5765, 0.2353      |
| CMYK        | 0.36, 0.45, 0.00, 0.24      |
| HSL         | 251°, 42%, 59%              |
| HSV         | 251°, 45%, 76%              |
| XYZ         | 23.5251, 18.9503, 54.0476   |
| YIQ         | 122.7020, -18.3910, 30.4490 |

# Conversions

## Conversions Part 2

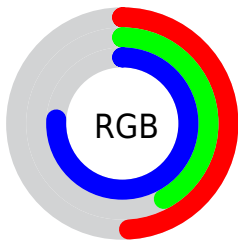
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 124, 108, 195                 |
| Decimal                             | 8154307                       |
| CIE <sub>Lab</sub>                  | 50.63, 26.74, -43.48          |
| CIE <sub>LCh</sub>                  | 51, 51.042, 301.589           |
| Yxy                                 | 18.9503, 0.2437,<br>0.1963    |
| Android<br>(android.graphics.Color) | 4286344387<br>(0xFF7C6CC3)    |
| YUV                                 | 122.7020, 35.6429,<br>1.1383  |
| Hunter-Lab                          | 43.5320, 20.2820,<br>-43.1398 |

# Details

The Hex color **7C6CC3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B3C36C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B3A0FC**, and **473C8D** is the 20% darker color. If you saturate the color by 10%, you get **6C59C3**, and if you desaturate by 10%, it is **8C80C3**.

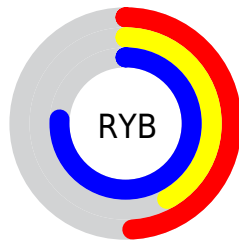
# Distribution



Red (49%)

Green (42%)

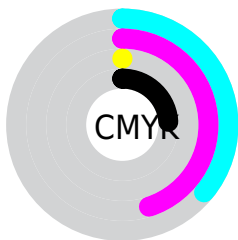
Blue (76%)



Red (49%)

Yellow (42%)

Blue (76%)

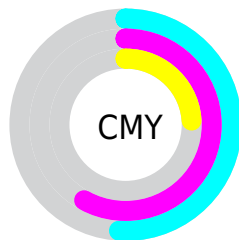


Cyan (36%)

Magenta (45%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (58%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C6CC3 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 7C6CC3 by changing the saturation by 10% instead.



7C6CC3

7C6CC3

FFFFFF

6154A7

B3A0FC

473C8D

D0BBFF

2B2673

EDD6FF

09125A

FFF3FF

000042

00032B

000115

000000

7C6CC3

7C6CC3

6C59C3

8C80C3

5C45C3

9C93C3

4C31C3

ACA7C3

3C1EC3

BCBAC3

2C0BC3

CCCEC3

2400C3

DBE1C3

EBF4C3

FBFFC3

FFFFC3

# Harmonies

## Analogous

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



007DD0



7C6CC3



AF59A3

# Triad

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



7C6CC3



AF672A



008D7A

# Complementary

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



7C6CC3



B3C36C

# 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.



178A4D



7C6CC3



8D7717

# Square

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



7C6CC3



C4564D



618328



008DA5

# Rectangle

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



7C6CC3



C15187



618328



008D6A



# Sweetspot

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



7C6CC3



E2DCFC



6CB3C3



6F6B80



000000



808080



# Same Dimension

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



7C6CC3



8D74FC



A76CC3



595761



1E00A1



060021



# Inverse Universe

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



C36CB3



FC74E3



88C36C



61575F



A10083



21001B



# Previews

## White Background



This preview shows how the Hex color 7C6CC3 looks on a white background.

## Color Contrast Check

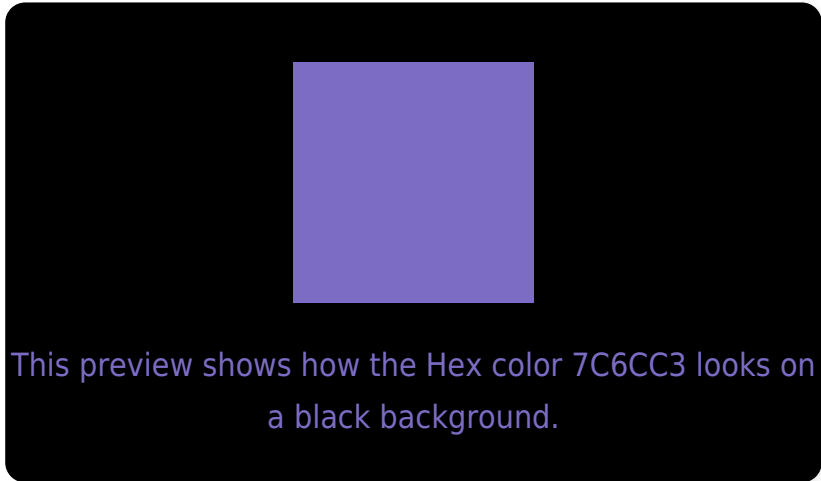
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C6CC3 Background



This preview shows how black text looks on a background with the Hex color 7C6CC3.

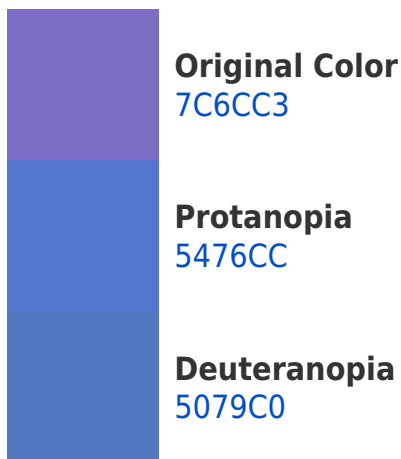


This preview shows how white text looks on a background with the Hex color 7C6CC3.

# 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**  
6E7A84

# Trichromacy



**Original Color**  
7C6CC3

**Protanomaly**  
6372C9

**Deuteranomaly**  
6074C1

**Tritanomaly**  
73759B

# Monochromacy



**Original Color**  
7C6CC3

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7B7695

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C6CC3 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 #7C6CC3 looks like.

```
.text, #text, p{  
    color:#7C6CC3  
}
```

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 #7C6CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C6CC3
}
```

## Border

The CSS property to change the border of an element to Hex 7C6CC3 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
#7C6CC3 }
```

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

```
.border{ border-color:#7C6CC3 }
```

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

Here you see how a box with a 4 pixel #7C6CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C6CC3; -webkit-box-shadow:4px 4px  
4px 4px #7C6CC3; box-shadow:4px 4px 4px  
4px #7C6CC3 }
```

# Background

The CSS property to change the background color of an element to Hex 7C6CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C6CC3 }
```

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

```
.background{ background-color:#7C6CC3 }
```

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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