

# Converting Colors

Hex(7C57A7)

Have a look what the booklet for  
Hex(7C57A7) contains.

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# Color

**Hex(7C57A7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C57A7
RGB	124, 87, 167
RGB Percent	49%, 34%, 65%
CMY	0.5137, 0.6588, 0.3451
CMYK	0.26, 0.48, 0.00, 0.35
HSL	268°, 31%, 50%
HSV	268°, 48%, 65%
XYZ	18.6954, 13.8915, 38.2552
YIQ	107.1830, -3.6280, 32.7240

# Conversions

## Conversions Part 2

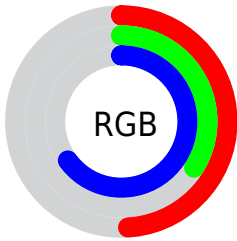
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 87, 167
Decimal	8148903
CIELab	44.08, 31.83, -37.55
CIELCh	44, 49.222, 310.291
Yxy	13.8915, 0.2639, 0.1961
Android (android.graphics.Color)	4286338983 (0xFF7C57A7)
YUV	107.1830, 29.4898, 14.7485
Hunter-Lab	37.2713, 24.3115, -34.7652

# Details

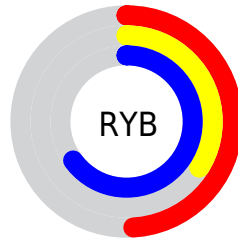
The Hex color **7C57A7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **82A757**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B28ADF**, and **482872** is the 20% darker color. If you saturate the color by 10%, you get **7346A7**, and if you desaturate by 10%, it is **8568A7**.

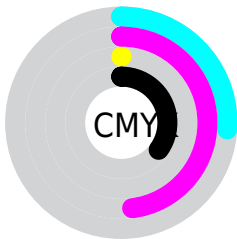
# Distribution



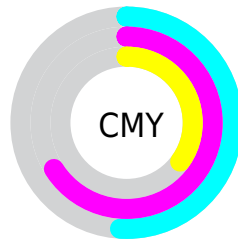
- Red (49%)
- Green (34%)
- Blue (65%)



- Red (49%)
- Yellow (34%)
- Blue (65%)



- Cyan (26%)
- Magenta (48%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (66%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C57A7 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 7C57A7 by changing the saturation by 10% instead.



7C57A7

7C57A7

FFFFFF

623F8C

B28ADF

482872

CEA4FB

2F1159

EBC0FF

170042

FFDCFF

00002B

FFF8FF

000115

000000

7C57A7

7C57A7

7346A7

8568A7

6A36A7

8E78A7

6125A7

9789A7

5814A7

A09AA7

4F03A7

A9AAA7

4D00A7

B2BBA7

BBCCA7

C4DDA7

CDEDA7

# Harmonies

## Analogous

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



2868B9



7C57A7



A44685

# Triad

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



7C57A7



925C15



007C76

# Complementary

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



7C57A7



82A757

# 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.



007A4B



7C57A7



706B08

# Square

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



7C57A7



AA4B35



437424



007A9C

# Rectangle

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



7C57A7



B0406A



437424



007B67



# Sweetspot

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



7C57A7



C8BAD9



5783A7



645B6E



EDEDED



6E6E6E



# Same Dimension

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



7C57A7



965DD9



A357A7



504C54



440094



090014



# Inverse Universe

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



A75782



D95DA0



5BA757



544C50



94004F

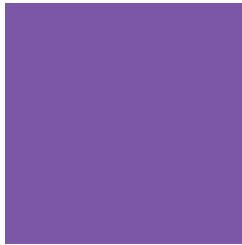


14000B



# Previews

## White Background



This preview shows how the Hex color 7C57A7 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

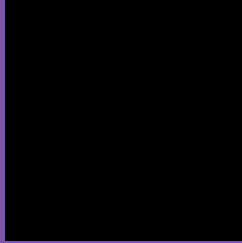
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7C57A7 Background



This preview shows how black text looks on a background with the Hex color 7C57A7.

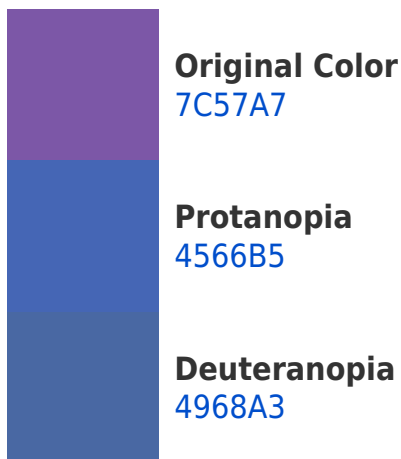



This preview shows how white text looks on a background with the Hex color 7C57A7.

# 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](#).

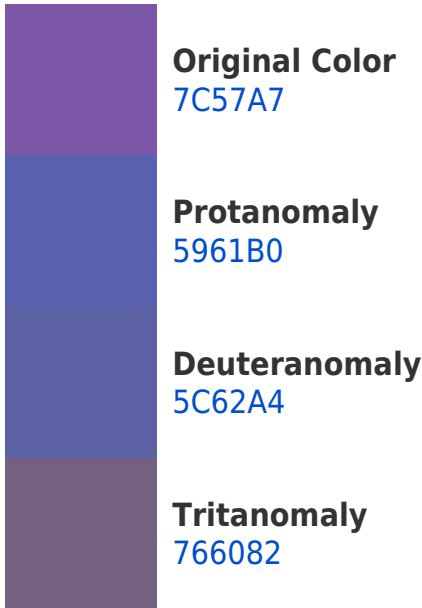
## Dichromacy



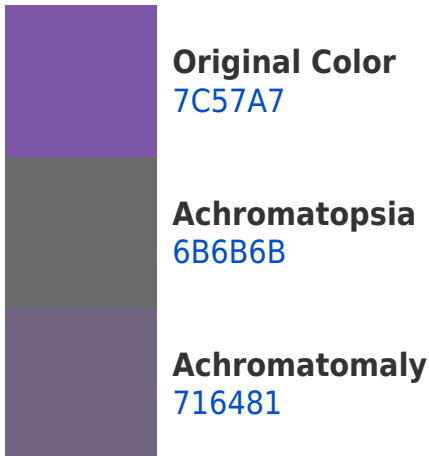


**Tritanopia**  
72656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C57A7 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 #7C57A7 looks like.

```
.text, #text, p{  
    color:#7C57A7  
}
```

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 #7C57A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C57A7
}
```

## Border

The CSS property to change the border of an element to Hex 7C57A7 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
#7C57A7 }
```

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

```
.border{ border-color:#7C57A7 }
```

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

Here you see how a box with a 4 pixel #7C57A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C57A7; -webkit-box-shadow:4px 4px  
4px 4px #7C57A7; box-shadow:4px 4px 4px  
4px #7C57A7 }
```

# Background

The CSS property to change the background color of an element to Hex 7C57A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C57A7 }
```

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

```
.background{ background-color:#7C57A7 }
```

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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