

Converting Colors

Hex(7C57AC)

Have a look what the booklet for
Hex(7C57AC) contains.

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Color

Hex(7C57AC)

Conversions

Conversions Part 1

Format	Color
Hex	7C57AC
RGB	124, 87, 172
RGB Percent	49%, 34%, 67%
CMY	0.5137, 0.6588, 0.3255
CMYK	0.28, 0.49, 0.00, 0.33
HSL	266°, 34%, 51%
HSV	266°, 49%, 67%
XYZ	19.1668, 14.0800, 40.7372
YIQ	107.7530, -5.2330, 34.2790

Conversions

Conversions Part 2

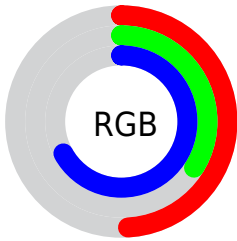
Format	Color
RYB	124, 87, 172
Decimal	8148908
CIELab	44.35, 33.09, -40.07
CIELCh	44, 51.963, 309.550
Yxy	14.0800, 0.2591, 0.1903
Android (android.graphics.Color)	4286338988 (0xFF7C57AC)
YUV	107.7530, 31.6738, 14.2486
Hunter-Lab	37.5234, 25.5111, -38.1018

Details

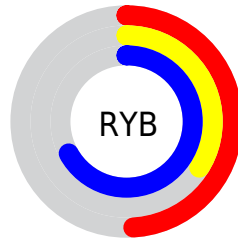
The Hex color **7C57AC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **87AC57**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **B38AE4**, and **482877** is the 20% darker color. If you saturate the color by 10%, you get **7246AC**, and if you desaturate by 10%, it is **8668AC**.

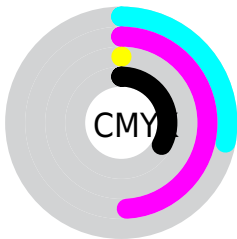
Distribution



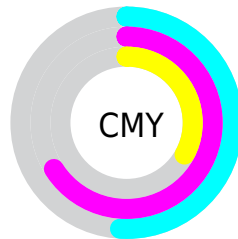
- Red (49%)
- Green (34%)
- Blue (67%)



- Red (49%)
- Yellow (34%)
- Blue (67%)



- Cyan (28%)
- Magenta (49%)
- Yellow (0%)
- Black (33%)



- Cyan (51%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C57AC 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 7C57AC by changing the saturation by 10% instead.

7C57AC

7C57AC

FFFFFF

623F91

B38AE4

482877

CFA4FF

2E115E

ECC0FF

140046

FFDCFF

00002F

FFF8FF

000119

000000

7C57AC

7C57AC

7246AC

8668AC

6935AC

8F79AC

5F23AC

998BAC

5512AC

A39CAC

4B01AC

ADADAC

4B00AC

B6BEAC

C0CFAC

CAE1AC

D3F2AC

Harmonies

Analogous

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



1569BF



7C57AC



A74488

Triad

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



7C57AC



965C0F



007D76

Complementary

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



7C57AC



87AC57

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.



007B49



7C57AC



716B00

Square

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



7C57AC



AE4934



42751F



007C9F

Rectangle

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



7C57AC



B43D6B



42751F



007D67

Sweetspot

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



7C57AC



CDBFE0



5787AC



655C70



F0F0F0



707070

Same Dimension

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



7C57AC



965CE0



A657AC



524E57



410096



0A0017

Inverse Universe

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



AC5787



E05CA7



5DAC57



574E53



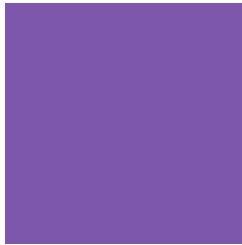
960055



17000D

Previews

White Background



This preview shows how the Hex color 7C57AC 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

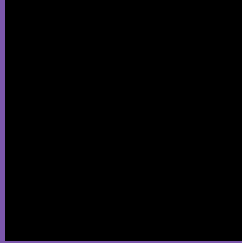
Any Text WCAG AA × Fail

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 7C57AC Background



This preview shows how black text looks on a background with the Hex color 7C57AC.

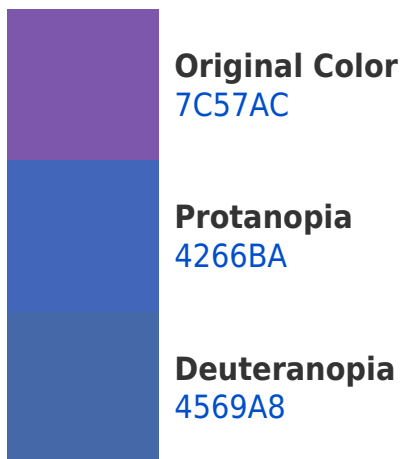


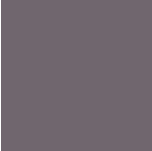
This preview shows how white text looks on a background with the Hex color 7C57AC.

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](#).

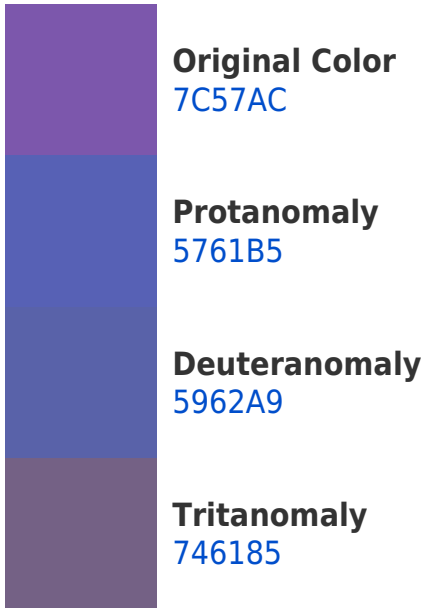
Dichromacy



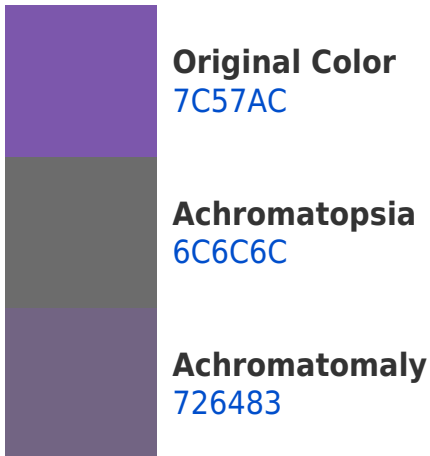


Tritanopia
70666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C57AC 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 #7C57AC looks like.

```
.text, #text, p{  
    color:#7C57AC  
}
```

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 #7C57AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C57AC
}
```

Border

The CSS property to change the border of an element to Hex 7C57AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

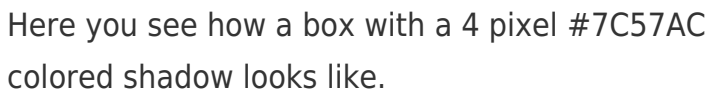
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7C57AC }
```

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

```
.border{ border-color:#7C57AC }
```

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



Here you see how a box with a 4 pixel #7C57AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C57AC; -webkit-box-shadow:4px 4px  
4px 4px #7C57AC; box-shadow:4px 4px 4px  
4px #7C57AC }
```

Background

The CSS property to change the background color of an element to Hex 7C57AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C57AC }
```

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

```
.background{ background-color:#7C57AC }
```

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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