

# Converting Colors

Hex(7E58AA)

Have a look what the booklet for  
Hex(7E58AA) contains.

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# Color

**Hex(7E58AA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E58AA
RGB	126, 88, 170
RGB Percent	49%, 35%, 67%
CMY	0.5059, 0.6549, 0.3333
CMYK	0.26, 0.48, 0.00, 0.33
HSL	268°, 33%, 51%
HSV	268°, 48%, 67%
XYZ	19.3496, 14.3173, 39.7739
YIQ	108.7100, -3.6740, 33.5580

# Conversions

## Conversions Part 2

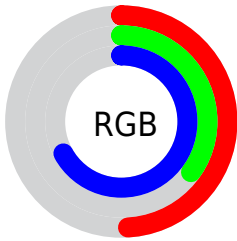
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 88, 170
Decimal	8280234
CIE <sub>Lab</sub>	44.68, 32.56, -38.34
CIE <sub>LCh</sub>	45, 50.303, 310.342
Yxy	14.3173, 0.2635, 0.1950
Android (android.graphics.Color)	4286470314 (0xFF7E58AA)
YUV	108.7100, 30.2160, 15.1633
Hunter-Lab	37.8383, 25.0638, -35.8362

# Details

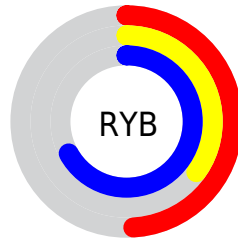
The Hex color **7E58AA** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **84AA58**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B58BE2**, and **4A2975** is the 20% darker color. If you saturate the color by 10%, you get **7547AA**, and if you desaturate by 10%, it is **8769AA**.

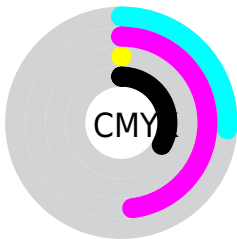
# Distribution



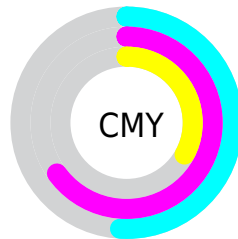
- Red (49%)
- Green (35%)
- Blue (67%)



- Red (49%)
- Yellow (35%)
- Blue (67%)



- Cyan (26%)
- Magenta (48%)
- Yellow (0%)
- Black (33%)



- Cyan (51%)
- Magenta (65%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E58AA 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 7E58AA by changing the saturation by 10% instead.



7E58AA

7E58AA

FFFFFF

64408F

B58BE2

4A2975

D1A5FF

31125C

EEC1FF

180044

FFDDFF

00002D

FFFAFF

000117

000000

7E58AA

7E58AA

7547AA

8769AA

6C36AA

907AAA

6325AA

998BAA

5A14AA

A29CAA

5003AA

ACADAA

4F00AA

B5BEAA

BECFAA

C7E0AA

D0F1AA

# Harmonies

## Analogous

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



266ABC



7E58AA



A74687

# Triad

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



7E58AA



955D14



007D77

# Complementary

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



7E58AA



84AA58

# 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.



007C4C



7E58AA



716C06

# Square

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



7E58AA



AD4C35



437624



007C9F

# Rectangle

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



7E58AA



B3406B



437624



007D69



# Sweetspot

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



7E58AA



CDBFDE



5885AA



665D70



F0F0F0



707070



# Same Dimension

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



7E58AA



995DDE



A658AA



504C54



450094



090014



# Inverse Universe

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



AA5884



DE5DA2



5CAA58



544C50



94004F

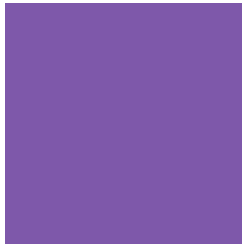


14000B



# Previews

## White Background



This preview shows how the Hex color 7E58AA looks on a white background.

## Color Contrast Check

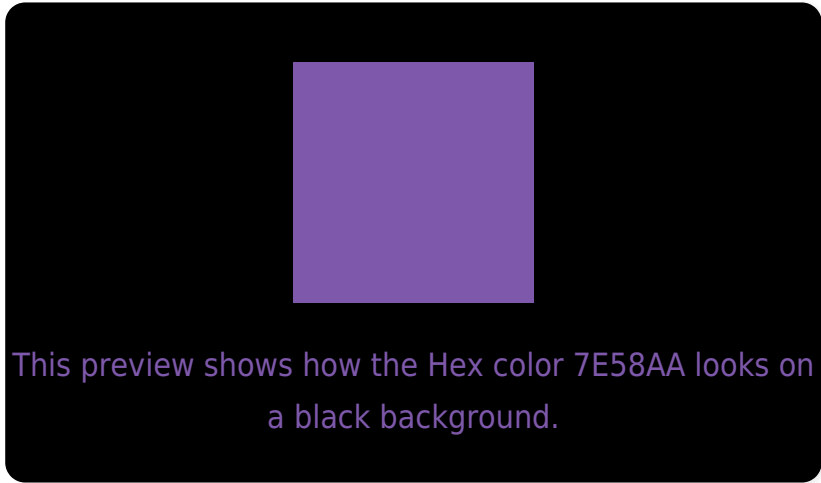
Large Text (above 18pt) WCAG AA ✓ Pass

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

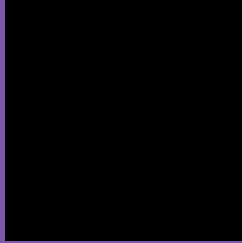
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E58AA Background



This preview shows how black text looks on a background with the Hex color 7E58AA.

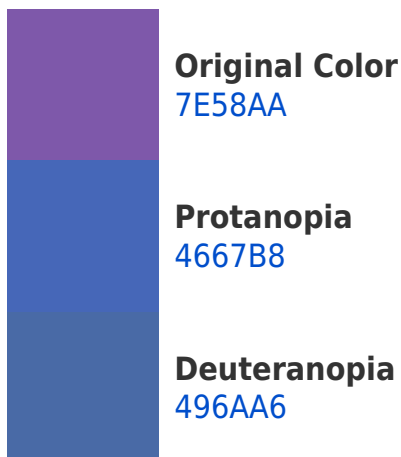



This preview shows how white text looks on a background with the Hex color 7E58AA.

# 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**  
73666E

# Trichromacy



**Original Color**  
7E58AA

**Protanomaly**  
5A62B3

**Deuteranomaly**  
5C63A7

**Tritanomaly**  
776184

# Monochromacy



**Original Color**  
7E58AA

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
736583

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E58AA 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 #7E58AA looks like.

```
.text, #text, p{  
    color:#7E58AA  
}
```

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 #7E58AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E58AA
}
```

## Border

The CSS property to change the border of an element to Hex 7E58AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

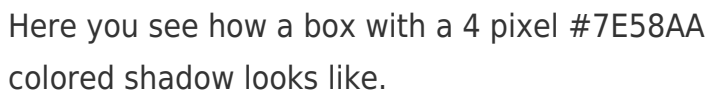
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E58AA }
```

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

```
.border{ border-color:#7E58AA }
```

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



Here you see how a box with a 4 pixel #7E58AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E58AA; -webkit-box-shadow:4px 4px  
4px 4px #7E58AA; box-shadow:4px 4px 4px  
4px #7E58AA }
```

# Background

The CSS property to change the background color of an element to Hex 7E58AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E58AA }
```

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

```
.background{ background-color:#7E58AA }
```

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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