

# Converting Colors

Hex(7858C5)

Have a look what the booklet for  
Hex(7858C5) contains.

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# Color

Hex(7858C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	7858C5
RGB	120, 88, 197
RGB Percent	47%, 35%, 77%
CMY	0.5294, 0.6549, 0.2275
CMYK	0.39, 0.55, 0.00, 0.23
HSL	258°, 48%, 56%
HSV	258°, 55%, 77%
XYZ	21.3135, 15.0037, 54.5960
YIQ	109.9940, -15.9170, 40.6830

# Conversions

## Conversions Part 2

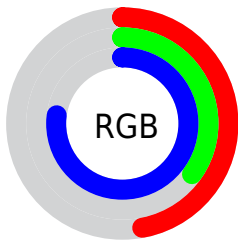
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	120, 88, 197
Decimal	7887045
CIE Lab	45.64, 38.08, -52.62
CIE LCh	46, 64.951, 305.896
Yxy	15.0037, 0.2344, 0.1650
Android (android.graphics.Color)	4286077125 (0xFF7858C5)
YUV	109.9940, 42.8940, 8.7753
Hunter-Lab	38.7347, 30.4328, -56.4542

# Details

The Hex color **7858C5** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A5C558**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B08BFE**, and **40298E** is the 20% darker color. If you saturate the color by 10%, you get **6A44C5**, and if you desaturate by 10%, it is **866CC5**.

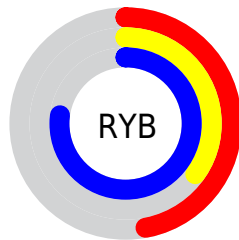
# Distribution



Red (47%)

Green (35%)

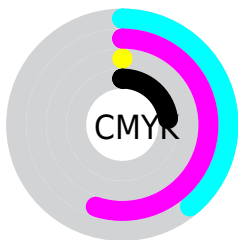
Blue (77%)



Red (47%)

Yellow (35%)

Blue (77%)

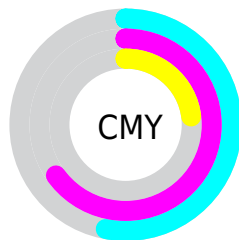


Cyan (39%)

Magenta (55%)

Yellow (0%)

Black (23%)



Cyan (53%)

Magenta (65%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7858C5 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 7858C5 by changing the saturation by 10% instead.



 7858C5

 7858C5

FFFFFF

 5C40A9

 B08BFE

 40298E

 CDA6FF

 221274

 EAC1FF

 00005B

 FFDDFF

 000043

 FFFAFF

 00032B

 000116

 000000

 7858C5

 7858C5

6A44C5

866CC5

5C31C5

947FC5

4E1DC5

A293C5

4009C5

B0A7C5

3A00C5

BEBBC5

CBCEC5

D9E2C5

E7F6C5

F5FFC5

# Harmonies

## Analogous

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



0070D9



7858C5



B43A9A

# Triad

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



7858C5



A55800



008476

# Complementary

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



7858C5



A5C558

# 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.



00813D



7858C5



796D00

# Square

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



7858C5



C23C2F



3F7A00



0083AB

# Rectangle

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



7858C5



C62A76



3F7A00



008363



# Sweetspot

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



7858C5



E0D4FF



58A6C5



6D6680



000000



808080



# Same Dimension

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



7858C5



8857FF



AD58C5



5C5A63



3000A3



0A0024



# Inverse Universe

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



C558A5



FF57CE



70C558



635A61



A30073

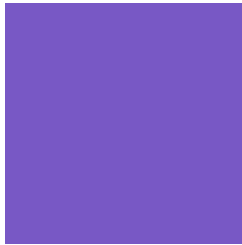


240019



# Previews

## White Background



This preview shows how the Hex color 7858C5 looks on a white background.

## Color Contrast Check

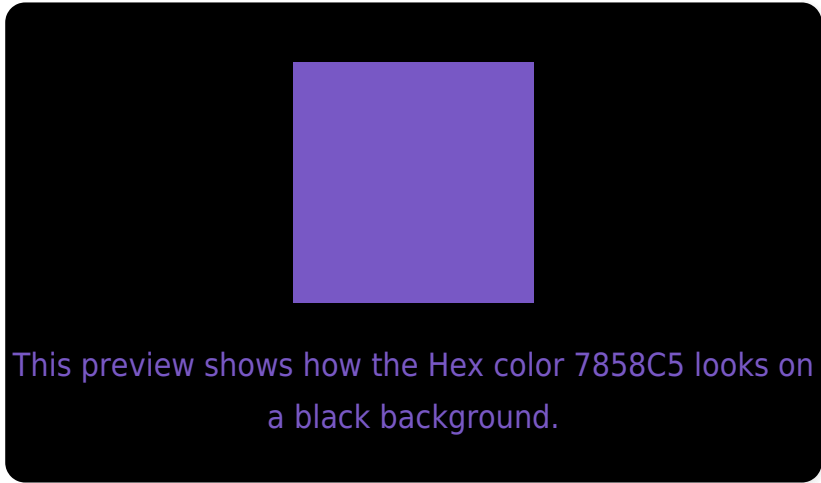
Large Text (above 18pt) WCAG AA ✓ Pass

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 7858C5 Background



This preview shows how black text looks on a background with the Hex color 7858C5.

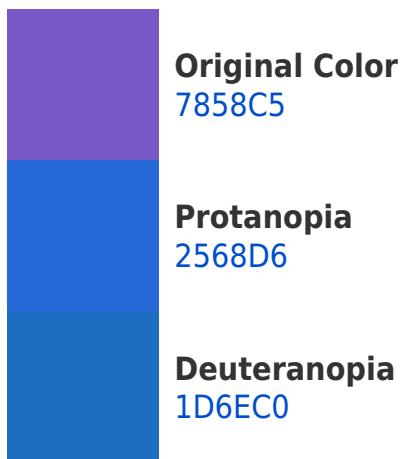


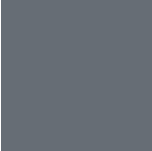
This preview shows how white text looks on a background with the Hex color 7858C5.

# 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](#).

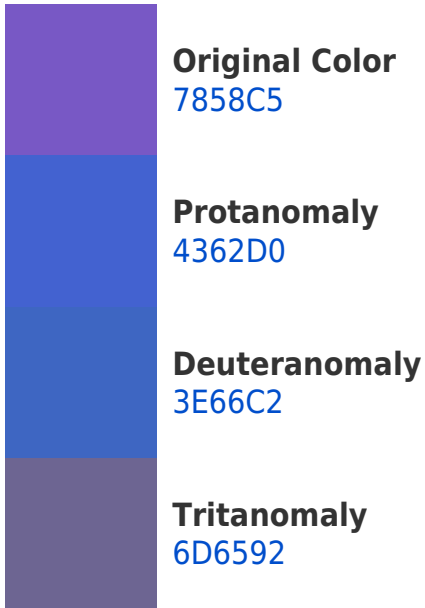
## Dichromacy





**Tritanopia**  
666D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7858C5 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 #7858C5 looks like.

```
.text, #text, p{  
    color:#7858C5  
}
```

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 #7858C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7858C5
}
```

## Border

The CSS property to change the border of an element to Hex 7858C5 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
#7858C5 }
```

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

```
.border{ border-color:#7858C5 }
```

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

Here you see how a box with a 4 pixel #7858C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7858C5; -webkit-box-shadow:4px 4px  
4px 4px #7858C5; box-shadow:4px 4px 4px  
4px #7858C5 }
```

# Background

The CSS property to change the background color of an element to Hex 7858C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7858C5 }
```

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

```
.background{ background-color:#7858C5 }
```

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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