

# Converting Colors

Hex(C758B8)

Have a look what the booklet for  
Hex(C758B8) contains.

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# Color

**Hex(C758B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C758B8
RGB	199, 88, 184
RGB Percent	78%, 35%, 72%
CMY	0.2196, 0.6549, 0.2784
CMYK	0.00, 0.56, 0.08, 0.22
HSL	308°, 50%, 56%
HSV	308°, 56%, 78%
XYZ	35.6946, 22.5823, 47.8249
YIQ	132.1330, 35.3400, 53.3880

# Conversions

## Conversions Part 2

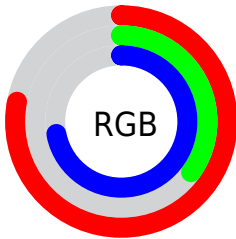
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 88, 184</a>
Decimal	<a href="#">13064376</a>
CIELab	<a href="#">54.64, 56.26, -30.24</a>
CIELCh	<a href="#">55, 63.869, 331.743</a>
Yxy	<a href="#">22.5823, 0.3364, 0.2128</a>
Android (android.graphics.Color)	<a href="#">4291254456 (0xFFC758B8)</a>
YUV	<a href="#">132.1330, 25.5704, 58.6424</a>
Hunter-Lab	<a href="#">47.5208, 50.9166, -26.4049</a>

# Details

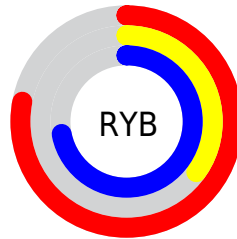
The Hex color **C758B8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **58C767**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF8FF0**, and **8E1E83** is the 20% darker color. If you saturate the color by 10%, you get **C744B5**, and if you desaturate by 10%, it is **C76CBB**.

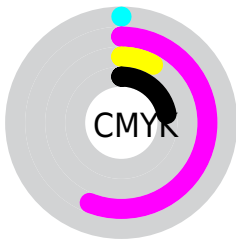
# Distribution



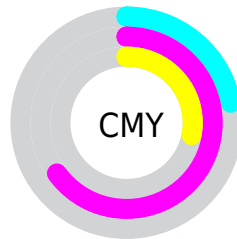
- Red (78%)
- Green (35%)
- Blue (72%)



- Red (78%)
- Yellow (35%)
- Blue (72%)



- Cyan (0%)
- Magenta (56%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (65%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C758B8 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 C758B8 by changing the saturation by 10% instead.



 C758B8

 C758B8

FFFFFF

 AA3C9D

 FF8FF0

 8E1E83

 FFABFF

 730069

 FFC7FF

 580051

 FFE4FF

 3E0039

 250023

 000009

 000000

 C758B8

 C758B8

 C744B5

 C76CBB

 C730B3

 C780BD

 C71CB0

 C794C0

 C708AD

 C7A8C3

 C700AC

 C7BCC5

 C7CFC8

 C7E3CB

 C7F7CE

 C7FFD0

# Harmonies

## Analogous

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



8572E1



C758B8



E34882

# Triad

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



C758B8



9A8100



009BBC

# Complementary

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



C758B8



58C767

# 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.



009C84



C758B8



629013

# Square

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



C758B8



C56C1A



00984B



0096E4

# Rectangle

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



C758B8



E44D5D



00984B



009CAA



# Sweetspot

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



C758B8



FFD4F9



6758C7



80667C



000000



808080



# Same Dimension

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



C758B8



FF54E8



C75881



635A62



A3008D



24001F



# Inverse Universe

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



C758B8



FF54E8



58C79E



635A62



A3008D



24001F



# Previews

## White Background



This preview shows how the Hex color C758B8 looks on a white background.

## Color Contrast Check

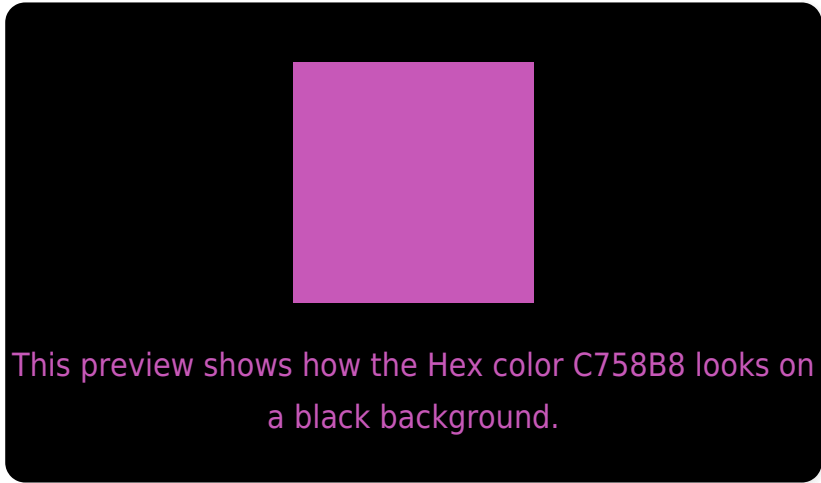
Large Text (above 18pt) WCAG AA ✓ Pass

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

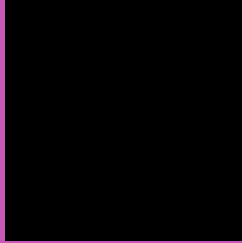
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C758B8 Background



This preview shows how black text looks on a background with the Hex color C758B8.

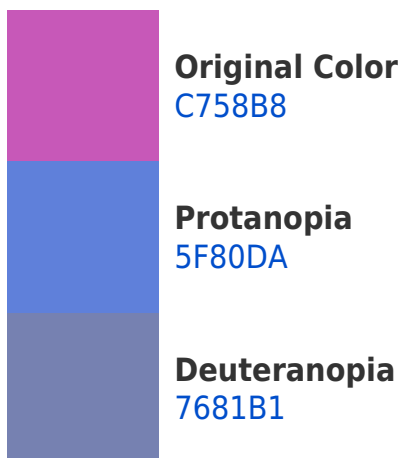



This preview shows how white text looks on a background with the Hex color C758B8.

# 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**  
BF6A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C758B8 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 #C758B8 looks like.

```
.text, #text, p{  
    color:#C758B8  
}
```

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 #C758B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C758B8
}
```

## Border

The CSS property to change the border of an element to Hex C758B8 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
#C758B8 }
```

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

```
.border{ border-color:#C758B8 }
```

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

Here you see how a box with a 4 pixel #C758B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C758B8; -webkit-box-shadow:4px 4px  
4px 4px #C758B8; box-shadow:4px 4px 4px  
4px #C758B8 }
```

# Background

The CSS property to change the background color of an element to Hex C758B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C758B8 }
```

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

```
.background{ background-color:#C758B8 }
```

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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