

# Converting Colors

Hex(C358C7)

Have a look what the booklet for  
Hex(C358C7) contains.

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# Color

Hex(C358C7)

# Conversions

## Conversions Part 1

Format	Color
Hex	C358C7
RGB	195, 88, 199
RGB Percent	76%, 35%, 78%
CMY	0.2353, 0.6549, 0.2196
CMYK	0.02, 0.56, 0.00, 0.22
HSL	298°, 50%, 56%
HSV	298°, 56%, 78%
XYZ	36.3042, 22.7051, 56.5019
YIQ	132.6470, 28.1410, 57.2050

# Conversions

## Conversions Part 2

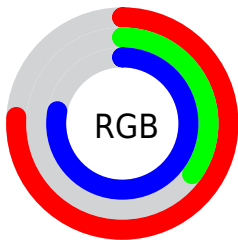
Format	Color
R <sub>YB</sub>	195, 88, 199
Decimal	12802247
CIE <sub>Lab</sub>	54.77, 57.75, -38.71
CIE <sub>LCh</sub>	55, 69.520, 326.168
Yxy	22.7051, 0.3143, 0.1966
Android (android.graphics.Color)	4290992327 (0xFFC358C7)
YUV	132.6470, 32.7120, 54.6836
Hunter-Lab	47.6498, 52.6112, -36.9496

# Details

The Hex color **C358C7** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5CC758**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FE8FFF**, and **8A1E91** is the 20% darker color. If you saturate the color by 10%, you get **C244C7**, and if you desaturate by 10%, it is **C46CC7**.

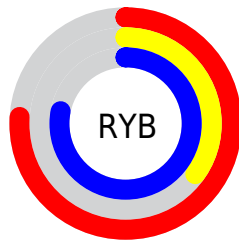
# Distribution



Red (76%)

Green (35%)

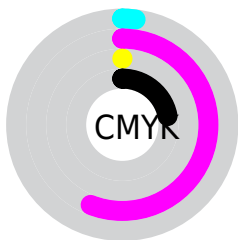
Blue (78%)



Red (76%)

Yellow (35%)

Blue (78%)

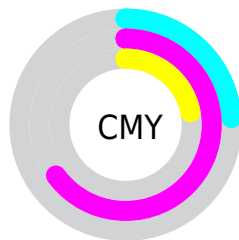


Cyan (2%)

Magenta (56%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (65%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C358C7 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 C358C7 by changing the saturation by 10% instead.



 C358C7

 C358C7

FFFFFF

 A63CAB

 FE8FFF

 8A1E91

 FFABFF

 6F0076

 FFC7FF

 54005D

 FFE4FF

 3A0045

 21002E

 000118

 000000

 C358C7

 C358C7

 C244C7

 C46CC7

 C230C7

 C480C7

 C11CC7

 C594C7

 C008C7

 C6A8C7

 C000C7

 C7BCC7

 C7CFC7

 C8E3C7

 C9F7C7

 C9FFC7

# Harmonies

## Analogous

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



6F76F0



C358C7



E8408D

# Triad

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



C358C7



A47E00



009EB7

# Complementary

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



C358C7



5CC758

# 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.



009D79



C358C7



6A8F00

# Square

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



C358C7



D06418



00993B



0099E7

# Rectangle

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



C358C7



ED4165



00993B



009EA3



# Sweetspot

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



C358C7



FDD4FF



585EC7



7F6680



000000



808080



# Same Dimension

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



C358C7



F954FF



C75895



635A63



9D00A3



220024



# Inverse Universe

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



C7585C



FF545A



58C78A



635A5A



A30006

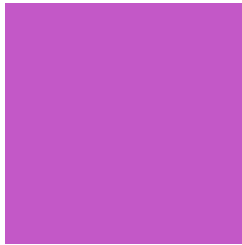


240001



# Previews

## White Background



This preview shows how the Hex color C358C7 looks on a white background.

## Color Contrast Check

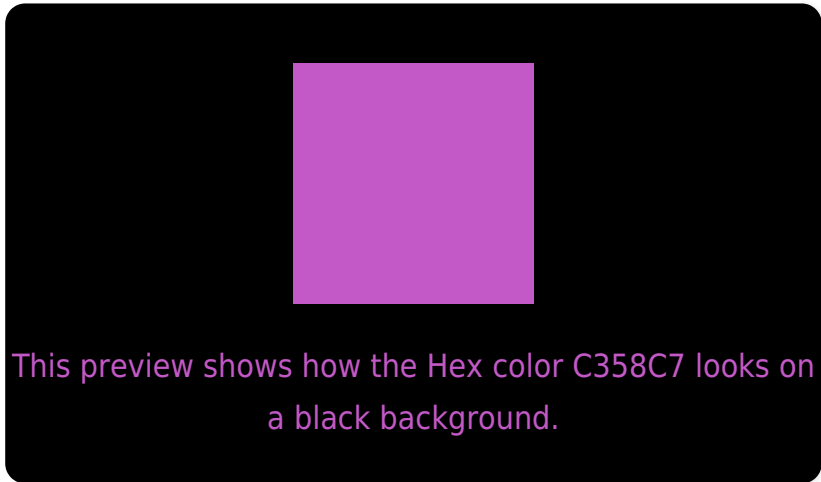
Large Text (above 18pt) WCAG AA ✓ Pass

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

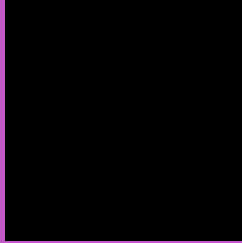
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C358C7 Background



This preview shows how black text looks on a background with the Hex color C358C7.

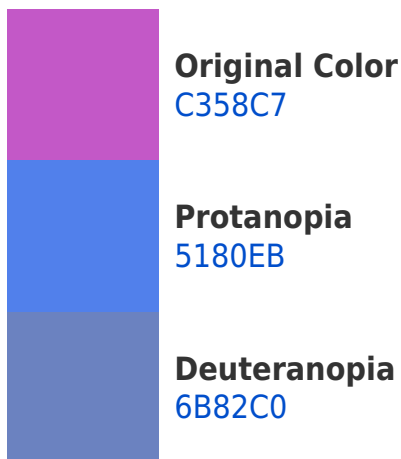


This preview shows how white text looks on a background with the Hex color C358C7.

# 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



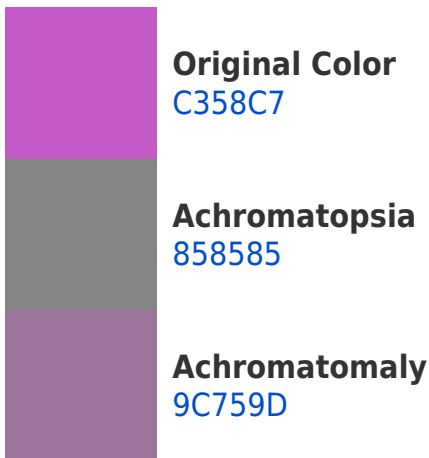


**Tritanopia**  
B96D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C358C7 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 #C358C7 looks like.

```
.text, #text, p{  
    color:#C358C7  
}
```

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 #C358C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C358C7
}
```

## Border

The CSS property to change the border of an element to Hex C358C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

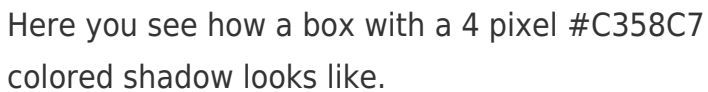
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C358C7 }
```

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

```
.border{ border-color:#C358C7 }
```

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



Here you see how a box with a 4 pixel `#C358C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C358C7; -webkit-box-shadow:4px 4px  
4px 4px #C358C7; box-shadow:4px 4px 4px  
4px #C358C7 }
```

# Background

The CSS property to change the background color of an element to Hex C358C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C358C7 }
```

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

```
.background{ background-color:#C358C7 }
```

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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