

# Converting Colors

Hex(C458C6)

Have a look what the booklet for  
Hex(C458C6) contains.

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# Color

Hex(C458C6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C458C6
RGB	196, 88, 198
RGB Percent	77%, 35%, 78%
CMY	0.2314, 0.6549, 0.2235
CMYK	0.01, 0.56, 0.00, 0.22
HSL	299°, 49%, 56%
HSV	299°, 56%, 78%
XYZ	36.4477, 22.7924, 55.9045
YIQ	132.8320, 29.0580, 57.1060

# Conversions

## Conversions Part 2

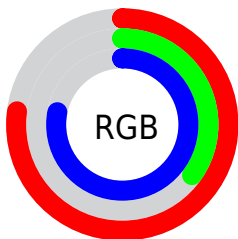
Format	Color
R <sub>Y</sub> B	196, 88, 198
Decimal	12867782
CIE Lab	54.86, 57.84, -37.98
CIE LCh	55, 69.191, 326.707
Yxy	22.7924, 0.3165, 0.1979
Android (android.graphics.Color)	4291057862 (0xFFC458C6)
YUV	132.8320, 32.1278, 55.3983
Hunter-Lab	47.7414, 52.7266, -36.0087

# Details

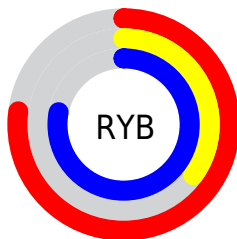
The Hex color **C458C6** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5AC658**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF8FFF**, and **8B1D90** is the 20% darker color. If you saturate the color by 10%, you get **C444C6**, and if you desaturate by 10%, it is **C46CC6**.

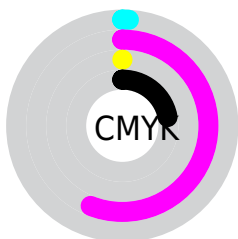
# Distribution



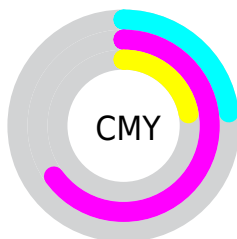
- Red (77%)
- Green (35%)
- Blue (78%)



- Red (77%)
- Yellow (35%)
- Blue (78%)



- Cyan (1%)
- Magenta (56%)
- Yellow (0%)
- Black (22%)



- Cyan (23%)
- Magenta (65%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C458C6 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 C458C6 by changing the saturation by 10% instead.



 C458C6

 C458C6

FFFFFF

 A73CAA

 FF8FFF

 8B1D90

 FFABFF

 700076

 FFC7FF

 55005C

 FFE4FF

 3B0044

 22002D

 000117

 000000

 C458C6

 C458C6

 C444C6

 C46CC6

 C330C6

 C580C6

 C31DC6

 C593C6

 C309C6

 C5A7C6

 C200C6

 C6BBC6

 C6CFC6

 C7E3C6

 C7F6C6

 C7FFC6

# Harmonies

## Analogous

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



7176EF



C458C6



E8408D

# Triad

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



C458C6



A47E00



009EB8

# Complementary

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



C458C6



5AC658

# 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.



009E7B



C458C6



6A8F00

# Square

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



C458C6



D06518



00993C



0099E7

# Rectangle

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



C458C6



EC4265



00993C



009EA4



# Sweetspot

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



C458C6



FED4FF



585CC6



7F6680



000000



808080



# Same Dimension

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



C458C6



FC54FF



C65893



635A63



A000A3



230024



# Inverse Universe

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



C6585A



FF5457



58C68B



635A5A



A30003



240001



# Previews

## White Background



This preview shows how the Hex color C458C6 looks on a white background.

## Color Contrast Check

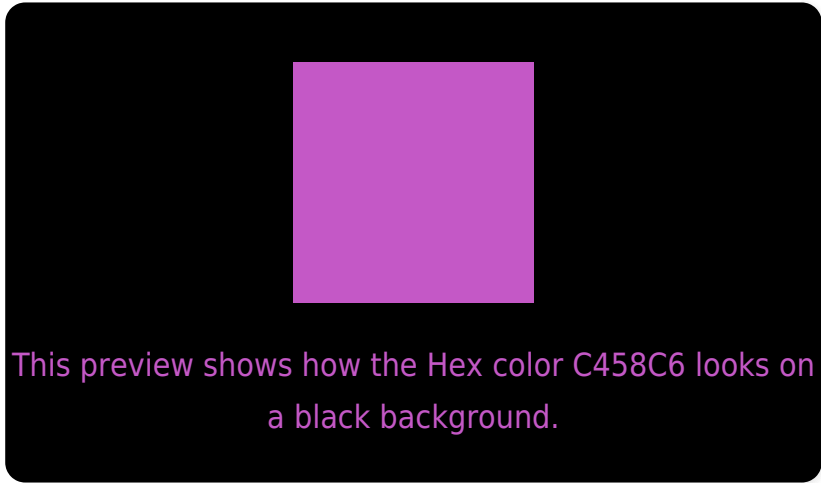
Large Text (above 18pt) WCAG AA ✓ Pass

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

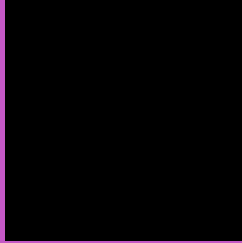
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C458C6 Background



This preview shows how black text looks on a background with the Hex color C458C6.

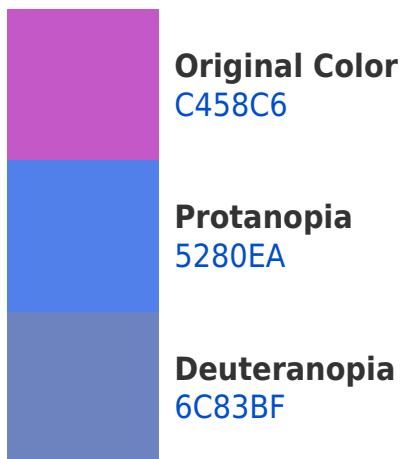



This preview shows how white text looks on a background with the Hex color C458C6.

# 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**  
BA6D75

# Trichromacy



**Original Color**  
C458C6



**Protanomaly**  
7B71DD



**Deuteranomaly**  
8C73C2



**Tritanomaly**  
BE6592

# Monochromacy



**Original Color**  
C458C6



**Achromatopsia**  
858585



**Achromatomaly**  
9C759D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C458C6 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 #C458C6 looks like.

```
.text, #text, p{  
    color:#C458C6  
}
```

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 #C458C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C458C6
}
```

## Border

The CSS property to change the border of an element to Hex C458C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

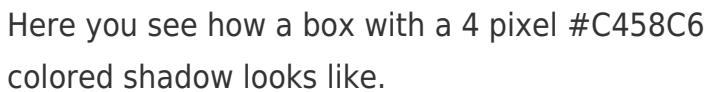
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C458C6 }
```

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

```
.border{ border-color:#C458C6 }
```

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



Here you see how a box with a 4 pixel `#C458C6` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C458C6; -webkit-box-shadow:4px 4px  
4px 4px #C458C6; box-shadow:4px 4px 4px  
4px #C458C6 }
```

# Background

The CSS property to change the background color of an element to Hex C458C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C458C6 }
```

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

```
.background{ background-color:#C458C6 }
```

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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