

# Converting Colors

Hex(C58AB5)

Have a look what the booklet for  
Hex(C58AB5) contains.

<b>Hex(C58AB5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C58AB5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C58AB5
RGB	197, 138, 181
RGB Percent	77%, 54%, 71%
CMY	0.2275, 0.4588, 0.2902
CMYK	0.00, 0.30, 0.08, 0.23
HSL	316°, 34%, 66%
HSV	316°, 30%, 77%
XYZ	40.4549, 33.3835, 48.0275
YIQ	160.5430, 21.3610, 25.8810

# Conversions

## Conversions Part 2

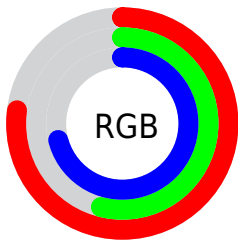
Format	Color
R <sub>Y</sub> B	197, 138, 181
Decimal	12946101
CIE Lab	64.47, 29.26, -13.50
CIE LCh	64, 32.221, 335.225
Yxy	33.3835, 0.3320, 0.2739
Android (android.graphics.Color)	4291136181 (0xFFC58AB5)
YUV	160.5430, 10.0853, 31.9728
Hunter-Lab	57.7784, 23.8687, -8.8391

# Details

The Hex color **C58AB5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8AC59A**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FEC0ED**, and **8E5780** is the 20% darker color. If you saturate the color by 10%, you get **C576B0**, and if you desaturate by 10%, it is **C59EBA**.

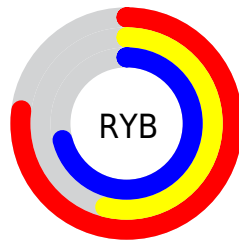
# Distribution



Red (77%)

Green (54%)

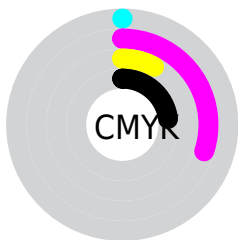
Blue (71%)



Red (77%)

Yellow (54%)

Blue (71%)

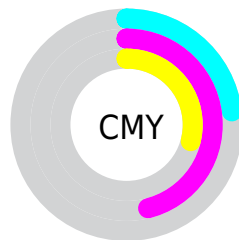


Cyan (0%)

Magenta (30%)

Yellow (8%)

Black (23%)



Cyan (23%)

Magenta (46%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C58AB5 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 C58AB5 by changing the saturation by 10% instead.



 C58AB5

FFFFFF

 FEC0ED

 FFDCFF

 FFF9FF

 C58AB5

 A9709A

 8E5780

 743F67

 5B274F

 421038

 2B0022

 0A000A

 000000

 C58AB5

 C58AB5

 C576B0

 C59EBA

 C563AA

 C5B1C0

 C54FA5

 C5C5C5

 C53BA0

 C5D9CA

 C5289A

 C5EDD0

 C51495

 C5FFD5

 C50090

 C5FFDA

 C5FFE0

 C5FFE5

# Harmonies

## Analogous

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



A793CB



C58AB5



D48698

# Triad

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



C58AB5



AB9C63



34ABBD

# Complementary

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



C58AB5



8AC59A

# 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.



47ACA1



C58AB5



8CA46C

# Square

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



C58AB5



C49269



6AAA83



4FA6D0

# Rectangle

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



C58AB5



D58885



6AAA83



36ACB4



# Sweetspot

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



C58AB5



FFE8F9



9A8AC5



80717C



000000



808080



# Same Dimension

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



C58AB5



FFA3E6



C58A98



635A61



A30077



24001A



# Inverse Universe

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



C58AB5



FFA3E6



8AC5B7



635A61



A30077

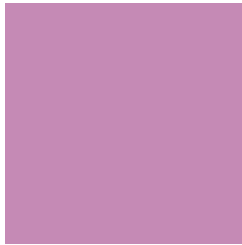


24001A



# Previews

## White Background



This preview shows how the Hex color C58AB5 looks on a white background.

## Color Contrast Check

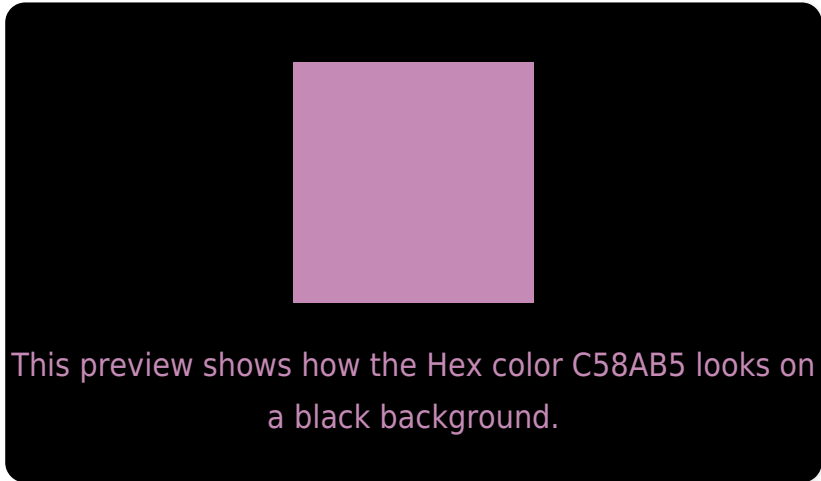
Large Text (above 18pt) WCAG AA × Fail

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

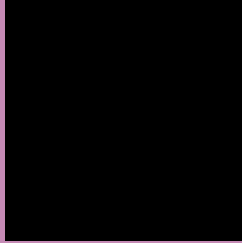
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C58AB5 Background



This preview shows how black text looks on a background with the Hex color C58AB5.

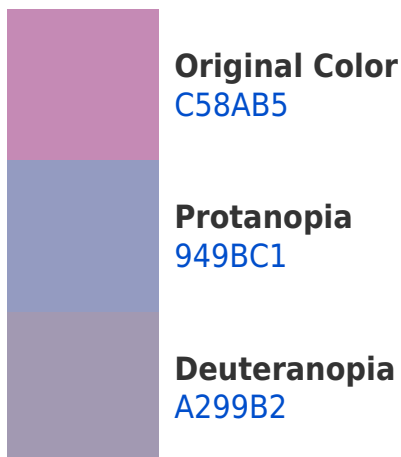


This preview shows how white text looks on a background with the Hex color C58AB5.

# 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](#).

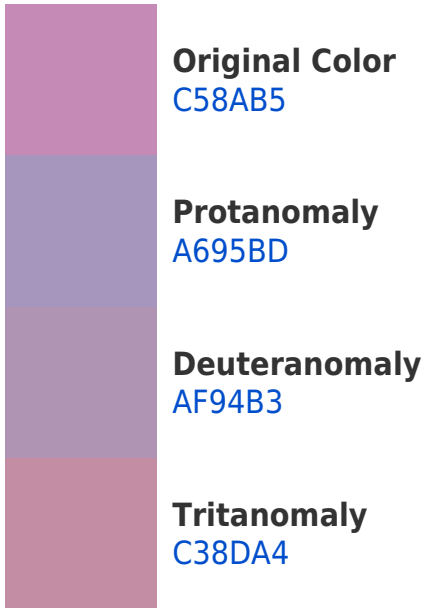
## Dichromacy



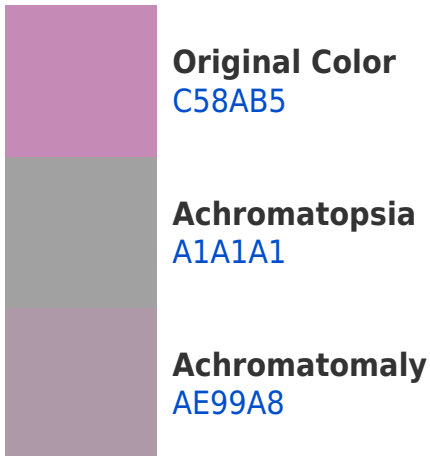


**Tritanopia**  
C28F9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C58AB5 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 #C58AB5 looks like.

```
.text, #text, p{  
    color:#C58AB5  
}
```

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 #C58AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C58AB5
}
```

## Border

The CSS property to change the border of an element to Hex C58AB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

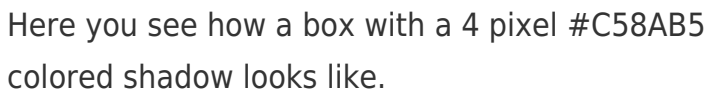
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C58AB5 }
```

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

```
.border{ border-color:#C58AB5 }
```

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



Here you see how a box with a 4 pixel `#C58AB5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C58AB5; -webkit-box-shadow:4px 4px  
4px 4px #C58AB5; box-shadow:4px 4px 4px  
4px #C58AB5 }
```

# Background

The CSS property to change the background color of an element to Hex C58AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C58AB5 }
```

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

```
.background{ background-color:#C58AB5 }
```

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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