

# Converting Colors

Hex(C59CCC)

Have a look what the booklet for  
Hex(C59CCC) contains.

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# **Color**

**Hex(C59CCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C59CCC
RGB	197, 156, 204
RGB Percent	77%, 61%, 80%
CMY	0.2275, 0.3882, 0.2000
CMYK	0.03, 0.24, 0.00, 0.20
HSL	291°, 32%, 71%
HSV	291°, 24%, 80%
XYZ	45.8135, 40.0069, 62.4342
YIQ	173.7310, 9.0280, 23.6200

# Conversions

## Conversions Part 2

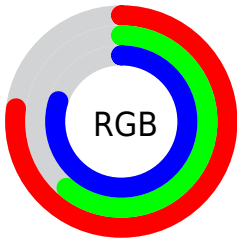
Format	Color
<a href="#">RYB</a>	<a href="#">197, 156, 204</a>
Decimal	<a href="#">12950732</a>
CIELab	<a href="#">69.47, 23.61, -18.79</a>
CIELCh	<a href="#">69, 30.171, 321.488</a>
Yxy	<a href="#">40.0069, 0.3090, 0.2699</a>
Android (android.graphics.Color)	<a href="#">4291140812 (0xFFC59CCC)</a>
YUV	<a href="#">173.7310, 14.9226, 20.4069</a>
Hunter-Lab	<a href="#">63.2510, 18.6006, -14.2487</a>

# Details

The Hex color **C59CCC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3CC9C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FED3FF**, and **8F6896** is the 20% darker color. If you saturate the color by 10%, you get **C288CC**, and if you desaturate by 10%, it is **C8B0CC**.

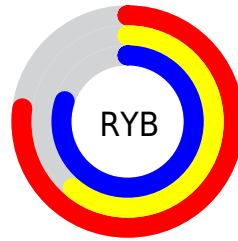
# Distribution



Red (77%)

Green (61%)

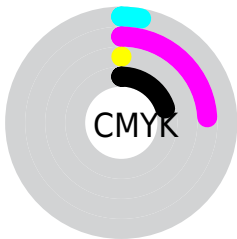
Blue (80%)



Red (77%)

Yellow (61%)

Blue (80%)

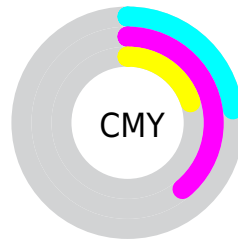


Cyan (3%)

Magenta (24%)

Yellow (0%)

Black (20%)



Cyan (23%)

Magenta (39%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C59CCC 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 C59CCC by changing the saturation by 10% instead.



 C59CCC

 C59CCC

FFFFFF

 A982B0

 FED3FF

 8F6896

 FFEFFF

 75507C

 5C3863

 43224B

 2C0C34

 1A001F

 000002

 000000

 C59CCC

 C59CCC

 C288CC

 C8B0CC

 BF73CC

 CBC5CC

 BC5FCC

 CED9CC

 B94ACC

 D1EECC

 B636CC

 D4FFCC

 B322CC

 D7FFCC

 B00DCC

 DAFFCC

 AE00CC

 DDFCCE

 E0FFCC

# Harmonies

## Analogous

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



A3A5DC



C59CCC



DA96B3

# Triad

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



C59CCC



C4A574



53B9BD

# Complementary

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



C59CCC



A3CC9C

# 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.



6AB8A1



C59CCC



A9AE76

# Square

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



C59CCC



D89C80



89B587



59B5D4

# Rectangle

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



C59CCC



E095A0



89B587



59B9B4



# Sweetspot

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



C59CCC



FCEDFF



9CA3CC



7E7580



000000



808080



# Same Dimension

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



C59CCC



F5B8FF



CC9CBB



655C66



8E00A6



210026



# Inverse Universe

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



CC9CA3



FFB8C2



9CCCAD



665C5D



A60018

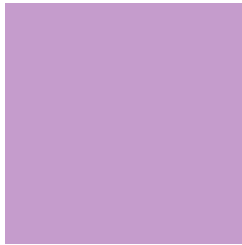


260006



# Previews

## White Background



This preview shows how the Hex color C59CCC looks on a white background.

## Color Contrast Check

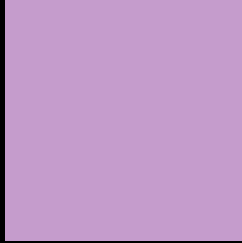
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C59CCC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

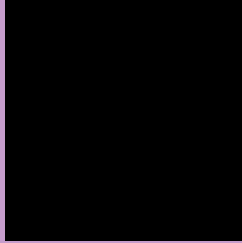
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C59CCC Background



This preview shows how black text looks on a background with the Hex color C59CCC.

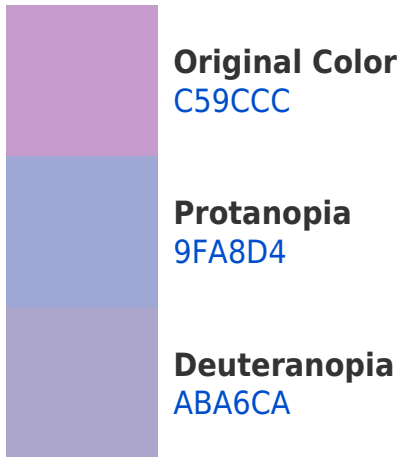


This preview shows how white text looks on a background with the Hex color C59CCC.

# 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**  
C1A1AE

# Trichromacy



**Original Color**  
C59CCC

**Protanomaly**  
ADA4D1

**Deuteranomaly**  
B4A2CB

**Tritanomaly**  
C29FB9

# Monochromacy



**Original Color**  
C59CCC

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B6A7B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C59CCC 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 #C59CCC looks like.

```
.text, #text, p{  
    color:#C59CCC  
}
```

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 #C59CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C59CCC
}
```

## Border

The CSS property to change the border of an element to Hex C59CCC 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
#C59CCC }
```

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

```
.border{ border-color:#C59CCC }
```

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

Here you see how a box with a 4 pixel #C59CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C59CCC; -webkit-box-shadow:4px 4px  
4px 4px #C59CCC; box-shadow:4px 4px 4px  
4px #C59CCC }
```

# Background

The CSS property to change the background color of an element to Hex C59CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C59CCC }
```

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

```
.background{ background-color:#C59CCC }
```

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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