

# Converting Colors

Hex(C69CCC)

Have a look what the booklet for  
Hex(C69CCC) contains.

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# **Color**

**Hex(C69CCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C69CCC
RGB	198, 156, 204
RGB Percent	78%, 61%, 80%
CMY	0.2235, 0.3882, 0.2000
CMYK	0.03, 0.24, 0.00, 0.20
HSL	292°, 32%, 71%
HSV	292°, 24%, 80%
XYZ	46.0763, 40.1423, 62.4465
YIQ	174.0300, 9.6240, 23.8320

# Conversions

## Conversions Part 2

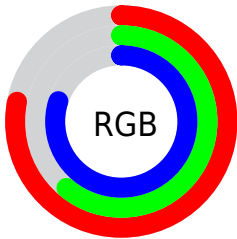
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	198, 156, 204
Decimal	13016268
CIE <sub>Lab</sub>	69.57, 23.94, -18.63
CIE <sub>LCh</sub>	70, 30.336, 322.108
Yxy	40.1423, 0.3099, 0.2700
Android (android.graphics.Color)	4291206348 (0xFFC69CCC)
YUV	174.0300, 14.7752, 21.0217
Hunter-Lab	63.3580, 18.9353, -14.0865

# Details

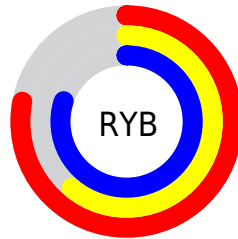
The Hex color **C69CCC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A2CC9C**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFD3FF**, and **906896** is the 20% darker color. If you saturate the color by 10%, you get **C388CC**, and if you desaturate by 10%, it is **C9B0CC**.

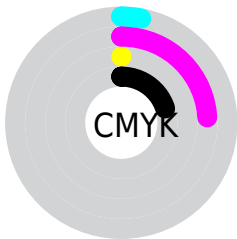
# Distribution



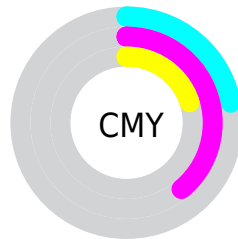
- Red (78%)
- Green (61%)
- Blue (80%)



- Red (78%)
- Yellow (61%)
- Blue (80%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (39%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C69CCC 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 C69CCC by changing the saturation by 10% instead.



 C69CCC

 C69CCC

FFFFFF

 AA82B0

 FFD3FF

 906896

 FFEFFF

 76507C

 5C3863

 44224B

 2D0C34

 1B001F

 000002

 000000

 C69CCC

 C69CCC

 C388CC

 C9B0CC

 C173CC

 CBC5CC

 BE5FCC

 CED9CC

 BC4ACC

 D0EECC

 B936CC

 D3FFCC

 B722CC

 D5FFCC

 B40DCC

 D8FFCC

 B300CC

 DAFFCC

 DDFCC

# Harmonies

## Analogous

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



A4A5DD



C69CCC



DB96B2

# Triad

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



C69CCC



C4A674



52B9BE

# Complementary

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



C69CCC



A2CC9C

# 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.



69B9A1



C69CCC



A8AF76

# Square

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



C69CCC



D89D80



89B587



59B6D4

# Rectangle

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



C69CCC



E195A0



89B587



58B9B4



# Sweetspot

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



C69CCC



FDEDFD



9CA2CC



7E7580



000000



808080



# Same Dimension

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



C69CCC



F6B8FF



CC9CBA



655C66



9100A6



210026



# Inverse Universe

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



CC9CA2



FFB8C1



9CCCAE



665C5D



A60015

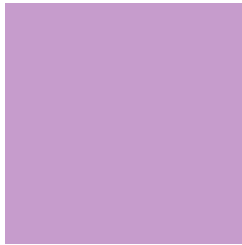


260005



# Previews

## White Background



This preview shows how the Hex color C69CCC looks on a white background.

## Color Contrast Check

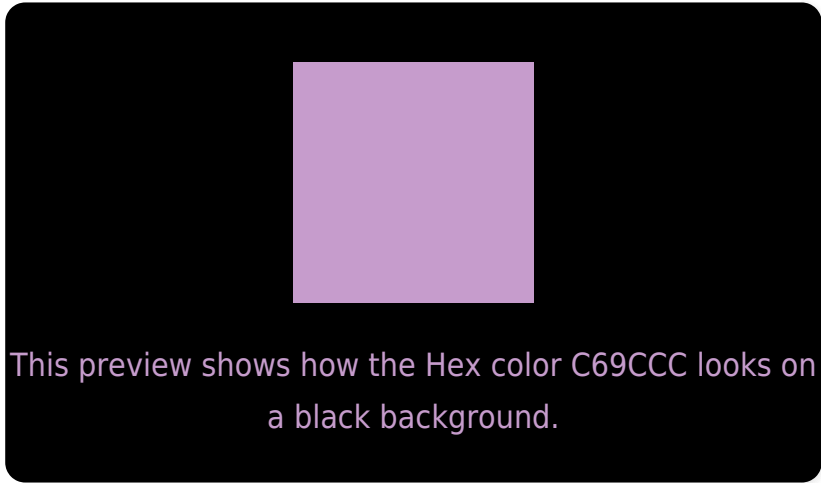
Large Text (above 18pt) WCAG AA × Fail

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

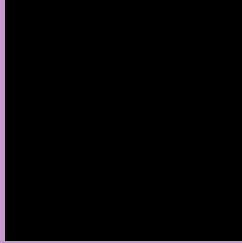
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C69CCC Background



This preview shows how black text looks on a background with the Hex color C69CCC.

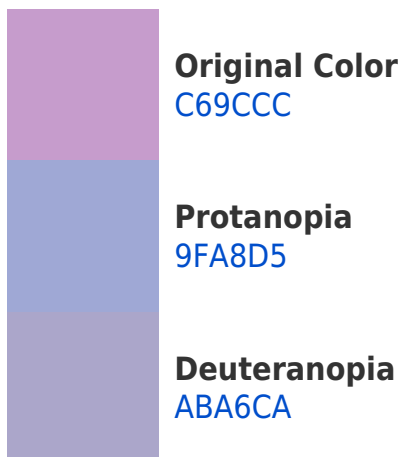


This preview shows how white text looks on a background with the Hex color C69CCC.

# 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**  
C2A1AE

# Trichromacy



**Original Color**  
C69CCC

**Protanomaly**  
ADA4D2

**Deuteranomaly**  
B5A2CB

**Tritanomaly**  
C39FB9

# Monochromacy



**Original Color**  
C69CCC

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B7A7B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C69CCC 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 #C69CCC looks like.

```
.text, #text, p{  
    color:#C69CCC  
}
```

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 #C69CCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C69CCC
}
```

## Border

The CSS property to change the border of an element to Hex C69CCC 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
#C69CCC }
```

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

```
.border{ border-color:#C69CCC }
```

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

Here you see how a box with a 4 pixel #C69CCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C69CCC; -webkit-box-shadow:4px 4px  
4px 4px #C69CCC; box-shadow:4px 4px 4px  
4px #C69CCC }
```

# Background

The CSS property to change the background color of an element to Hex C69CCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C69CCC }
```

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

```
.background{ background-color:#C69CCC }
```

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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