

# Converting Colors

Hex(CC7CC9)

Have a look what the booklet for  
Hex(CC7CC9) contains.

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# Color

Hex(CC7CC9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC7CC9
RGB	204, 124, 201
RGB Percent	80%, 49%, 79%
CMY	0.2000, 0.5137, 0.2118
CMYK	0.00, 0.39, 0.01, 0.20
HSL	302°, 44%, 64%
HSV	302°, 39%, 80%
XYZ	42.6521, 31.4697, 59.0846
YIQ	156.6980, 22.9630, 40.9070

# Conversions

## Conversions Part 2

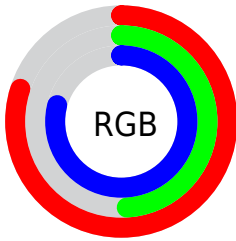
Format	Color
R <sub>Y</sub> B	204, 124, 201
Decimal	13401289
CIE Lab	62.90, 42.70, -27.09
CIE LCh	63, 50.572, 327.608
Yxy	31.4697, 0.3202, 0.2362
Android (android.graphics.Color)	4291591369 (0xFFCC7CC9)
YUV	156.6980, 21.8409, 41.4839
Hunter-Lab	56.0979, 37.5451, -23.1782

# Details

The Hex color **CC7CC9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CCC7F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB2FF**, and **944893** is the 20% darker color. If you saturate the color by 10%, you get **CC68C8**, and if you desaturate by 10%, it is **CC90CA**.

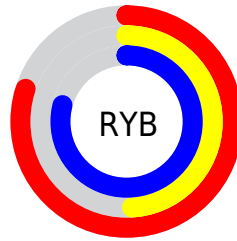
# Distribution



Red (80%)

Green (49%)

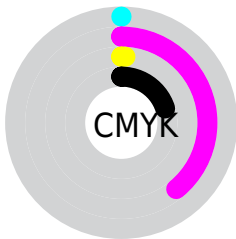
Blue (79%)



Red (80%)

Yellow (49%)

Blue (79%)

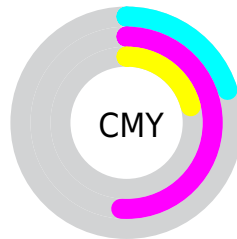


Cyan (0%)

Magenta (39%)

Yellow (1%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC7CC9 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 CC7CC9 by changing the saturation by 10% instead.



 CC7CC9

 CC7CC9

FFFFFF

 B062AD

 FF2FF

 944893

 FFCEFF

 792F79

 FFE8FF

 5F1460

 460048

 2E0031

 0E001B

 000000

 CC7CC9

 CC7CC9

 CC68C8

 CC90CA

 CC53C7

 CCA5CB

 CC3FC7

 CCB9CB

 CC2AC6

 CCCECC

 CC16C5

 CCE2CD

 CC02C4

 CCF6CE

 CC00C4

 CCFFCE

 CCFFCF

 CCFFD0

# Harmonies

## Analogous

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



958EE8



CC7CC9



E8719E

# Triad

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



CC7CC9



B5953A



00AEC0

# Complementary

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



CC7CC9



7CCC7F

# 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.



00AE93



CC7CC9



88A244

# Square

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



CC7CC9



D7844D



4EAA66



00A9E3

# Rectangle

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



CC7CC9



EC727F



4EAA66



00AFB2



# Sweetspot

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



CC7CC9



FFE0FE



7F7CCC



806E7F



000000



808080



# Same Dimension

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



CC7CC9



FF87FB



CC7CA1



665C66



A600A0



260025



# Inverse Universe

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



CC7CC9



FF87FB



7CCCA7



665C66



A600A0



260025



# Previews

## White Background



This preview shows how the Hex color CC7CC9 looks on a white background.

## Color Contrast Check

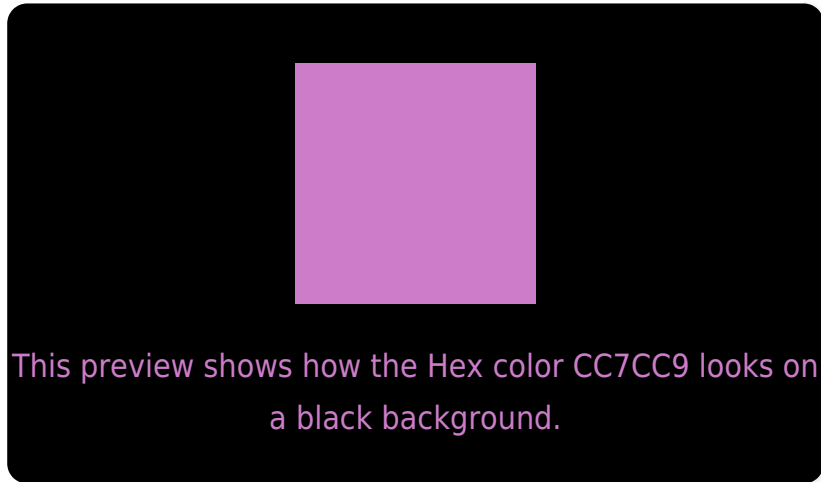
Large Text (above 18pt) WCAG AA × Fail

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 CC7CC9 Background



This preview shows how black text looks on a background with the Hex color CC7CC9.

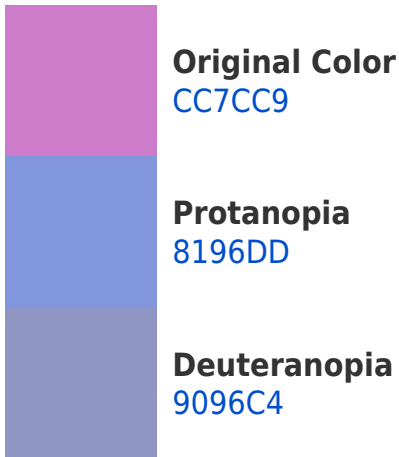


This preview shows how white text looks on a background with the Hex color CC7CC9.

# 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



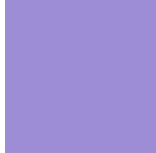


**Tritanopia**  
C58892

# Trichromacy



**Original Color**  
CC7CC9



**Protanomaly**  
9C8DD6



**Deuteranomaly**  
A68DC6

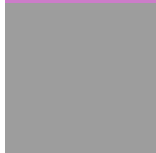


**Tritanomaly**  
C884A6

# Monochromacy



**Original Color**  
CC7CC9



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
AE91AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC7CC9 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 #CC7CC9 looks like.

```
.text, #text, p{  
    color:#CC7CC9  
}
```

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 #CC7CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7CC9
}
```

## Border

The CSS property to change the border of an element to Hex CC7CC9 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
#CC7CC9 }
```

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

```
.border{ border-color:#CC7CC9 }
```

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

Here you see how a box with a 4 pixel #CC7CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7CC9; -webkit-box-shadow:4px 4px  
4px 4px #CC7CC9; box-shadow:4px 4px 4px  
4px #CC7CC9 }
```

# Background

The CSS property to change the background color of an element to Hex CC7CC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7CC9 }
```

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

```
.background{ background-color:#CC7CC9 }
```

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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