

# Converting Colors

Hex(CE9CC3)

Have a look what the booklet for  
Hex(CE9CC3) contains.

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# **Color**

**Hex(CE9CC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9CC3
RGB	206, 156, 195
RGB Percent	81%, 61%, 76%
CMY	0.1922, 0.3882, 0.2353
CMYK	0.00, 0.24, 0.05, 0.19
HSL	313°, 34%, 71%
HSV	313°, 24%, 81%
XYZ	47.1924, 40.8389, 57.0251
YIQ	175.3960, 17.2810, 22.7290

# Conversions

## Conversions Part 2

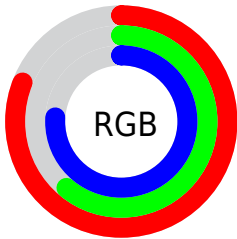
Format	Color
R <sub>Y</sub> B	206, 156, 195
Decimal	13540547
CIE Lab	70.06, 24.97, -12.83
CIE LCh	70, 28.069, 332.804
Yxy	40.8389, 0.3253, 0.2815
Android (android.graphics.Color)	4291730627 (0xFFCE9CC3)
YUV	175.3960, 9.6648, 26.8397
Hunter-Lab	63.9053, 19.9833, -8.1730

# Details

The Hex color **CE9CC3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9CCEA7**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFD3FC**, and **97688D** is the 20% darker color. If you saturate the color by 10%, you get **CE87BE**, and if you desaturate by 10%, it is **CEB1C8**.

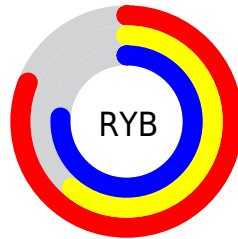
# Distribution



Red (81%)

Green (61%)

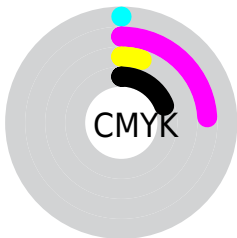
Blue (76%)



Red (81%)

Yellow (61%)

Blue (76%)

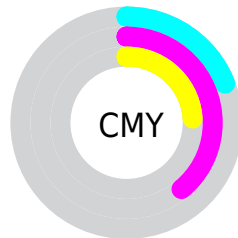


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (19%)



Cyan (19%)

Magenta (39%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE9CC3 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 CE9CC3 by changing the saturation by 10% instead.



 CE9CC3

 CE9CC3

FFFFFF

 B282A8

 FFD3FC

 97688D

 FFEFFF

 7D5074

 63385B

 4B2144

 330B2D

 210019

 000000

 CE9CC3

 CE9CC3

 CE87BE

 CEB1C8

 CE73BA

 CEC5CC

 CE5EB5

 CEDAD1

 CE4AB1

 CEEED5

 CE35AC

 CEFFDA

 CE20A8

 CEFFDE

 CE0CA3

 CEFFE3

 CE00A1

 CEFFE7

 CEFFEC

# Harmonies

## Analogous

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



B2A4D6



CE9CC3



DD98AA

# Triad

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



CE9CC3



BBA778



5CB8C6

# Complementary

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



CE9CC3



9CCEA7

# 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.



68B9AD



CE9CC3



A0B280

# Square

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



CE9CC3



D1A27F



82B793



6CB4D8

# Rectangle

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



CE9CC3



DF9999



82B793



5DB9BE



# Sweetspot

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



CE9CC3



FFEDFB



A79CCE



80757D



000000



808080



# Same Dimension

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



CE9CC3



FFB5EF



CE9CAA



665C64



A60081



26001E



# Inverse Universe

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



CE9CC3



FFB5EF



9CCEC0



665C64



A60081

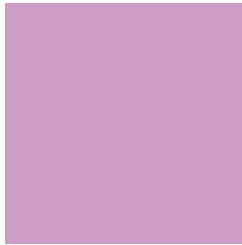


26001E



# Previews

## White Background



This preview shows how the Hex color CE9CC3 looks on a white background.

## Color Contrast Check

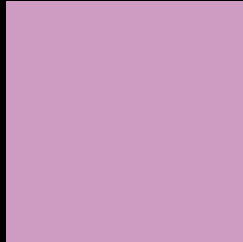
Large Text (above 18pt) WCAG AA × Fail

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 CE9CC3 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 CE9CC3 Background



This preview shows how black text looks on a background with the Hex color CE9CC3.

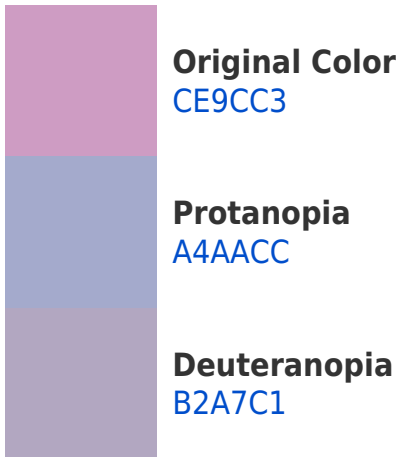


This preview shows how white text looks on a background with the Hex color CE9CC3.

# 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





# Trichromacy



**Original Color**  
CE9CC3

**Protanomaly**  
B3A5C9

**Deuteranomaly**  
BCA3C2

**Tritanomaly**  
CC9FB4

# Monochromacy



**Original Color**  
CE9CC3

**Achromatopsia**  
AFAFAF

**Achromatomaly**  
BAA8B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE9CC3 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 #CE9CC3 looks like.

```
.text, #text, p{  
    color:#CE9CC3  
}
```

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 #CE9CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE9CC3  
}
```

## Border

The CSS property to change the border of an element to Hex CE9CC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

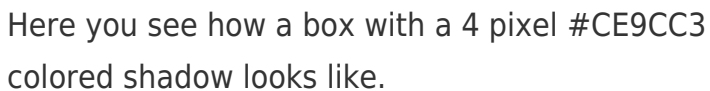
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CE9CC3 }
```

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

```
.border{ border-color:#CE9CC3 }
```

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



Here you see how a box with a 4 pixel `#CE9CC3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE9CC3; -webkit-box-shadow:4px 4px  
4px 4px #CE9CC3; box-shadow:4px 4px 4px  
4px #CE9CC3 }
```

# Background

The CSS property to change the background color of an element to Hex CE9CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE9CC3 }
```

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

```
.background{ background-color:#CE9CC3 }
```

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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