

# Converting Colors

Hex(CC99C3)

Have a look what the booklet for  
Hex(CC99C3) contains.

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# **Color**

**Hex(CC99C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC99C3
RGB	204, 153, 195
RGB Percent	80%, 60%, 76%
CMY	0.2000, 0.4000, 0.2353
CMYK	0.00, 0.25, 0.04, 0.20
HSL	311°, 33%, 70%
HSV	311°, 25%, 80%
XYZ	46.1434, 39.5600, 56.8336
YIQ	173.0370, 16.9140, 23.8740

# Conversions

## Conversions Part 2

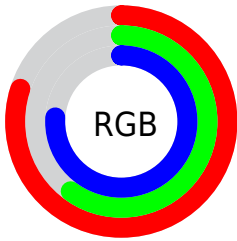
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 153, 195
Decimal	13408707
CIE <sub>Lab</sub>	69.15, 25.92, -14.21
CIE <sub>LCh</sub>	69, 29.564, 331.266
Yxy	39.5600, 0.3237, 0.2775
Android (android.graphics.Color)	4291598787 (0xFFCC99C3)
YUV	173.0370, 10.8278, 27.1546
Hunter-Lab	62.8967, 20.8851, -9.5468

# Details

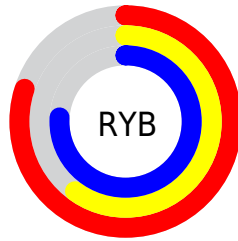
The Hex color **CC99C3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99CCA2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD0FC**, and **95658D** is the 20% darker color. If you saturate the color by 10%, you get **CC85BF**, and if you desaturate by 10%, it is **CCADC7**.

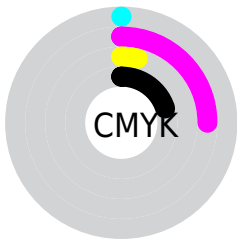
# Distribution



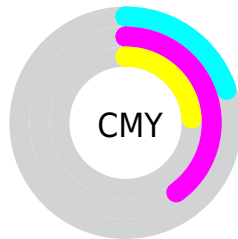
- Red (80%)
- Green (60%)
- Blue (76%)



- Red (80%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC99C3 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 CC99C3 by changing the saturation by 10% instead.





CC99C3



CC99C3

FFFFFF



B07FA8



FFD0FC



95658D



FFECFF



7B4D74



61355B



491F43



31082D



1E0019



000000



CC99C3



CC99C3

■ CC85BF

■ CCADC7

■ CC70BC

■ CCC2CA

■ CC5CB8

■ CCD6CE

■ CC47B5

■ CCEBD1

■ CC33B1

■ CCFFD5

■ CC1FAD

■ CCFFD9

■ CC0AAA

■ CCFFDC

■ CC00A8

■ CCFFE0

■ CCFFE3

# Harmonies

## Analogous

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



AEA2D7



CC99C3



DC95A9

# Triad

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



CC99C3



BBA773



53B7C4

# Complementary

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



CC99C3



99CCA2

# 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.



62B8A9



CC99C3



9EB07A

# Square

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



CC99C3



D19E7B



7FB58E



63B2D7

# Rectangle

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



CC99C3



DF9697



7FB58E



55B7BB



# Sweetspot

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



CC99C3



FFEBFB



A299CC



80737D



000000



808080



# Same Dimension

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



CC99C3



FFB3F2



CC99AA



665C64



A60088



26001F



# Inverse Universe

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



CC99C3



FFB3F2



99CCBB



665C64



A60089

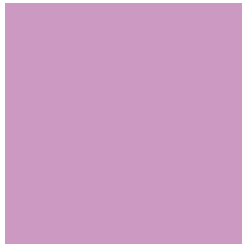


260020



# Previews

## White Background



This preview shows how the Hex color CC99C3 looks on a white background.

## Color Contrast Check

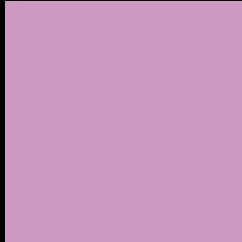
Large Text (above 18pt) WCAG AA × Fail

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 CC99C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

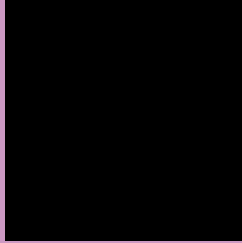
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CC99C3 Background



This preview shows how black text looks on a background with the Hex color CC99C3.

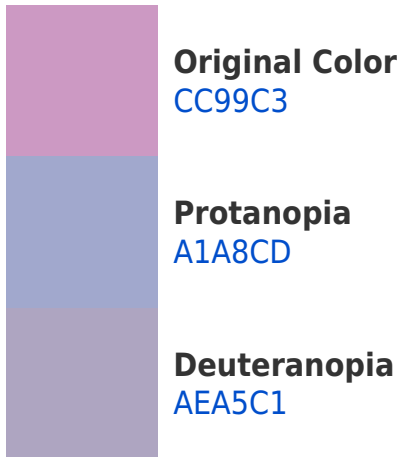


This preview shows how white text looks on a background with the Hex color CC99C3.

# 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**  
C99EAA

# Trichromacy



**Original Color**  
CC99C3

**Protanomaly**  
B1A3C9

**Deuteranomaly**  
B9A1C2

**Tritanomaly**  
CA9CB3

# Monochromacy



**Original Color**  
CC99C3

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B8A6B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC99C3 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 #CC99C3 looks like.

```
.text, #text, p{  
    color:#CC99C3  
}
```

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 #CC99C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC99C3
}
```

## Border

The CSS property to change the border of an element to Hex CC99C3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

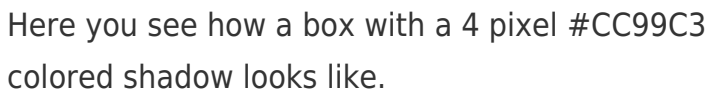
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CC99C3 }
```

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

```
.border{ border-color:#CC99C3 }
```

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



Here you see how a box with a 4 pixel `#CC99C3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC99C3; -webkit-box-shadow:4px 4px  
4px 4px #CC99C3; box-shadow:4px 4px 4px  
4px #CC99C3 }
```

# Background

The CSS property to change the background color of an element to Hex CC99C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC99C3 }
```

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

```
.background{ background-color:#CC99C3 }
```

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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