

# Converting Colors

Hex(CCA9C3)

Have a look what the booklet for  
Hex(CCA9C3) contains.

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# **Color**

**Hex(CCA9C3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCA9C3
RGB	204, 169, 195
RGB Percent	80%, 66%, 76%
CMY	0.2000, 0.3373, 0.2353
CMYK	0.00, 0.17, 0.04, 0.20
HSL	315°, 26%, 73%
HSV	315°, 17%, 80%
XYZ	48.9401, 45.1534, 57.7658
YIQ	182.4290, 12.5140, 15.5060

# Conversions

## Conversions Part 2

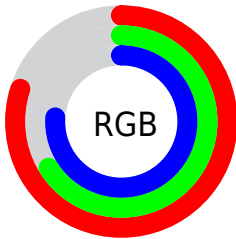
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 169, 195
Decimal	13412803
CIE <sub>Lab</sub>	72.99, 17.17, -8.47
CIE <sub>LCh</sub>	73, 19.142, 333.732
Yxy	45.1534, 0.3223, 0.2973
Android (android.graphics.Color)	4291602883 (0xFFCCA9C3)
YUV	182.4290, 6.1975, 18.9178
Hunter-Lab	67.1963, 12.4108, -3.9317

# Details

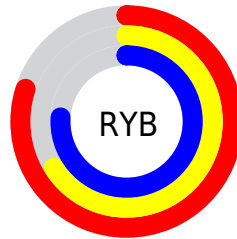
The Hex color **CCA9C3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9CCB2**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFE0FC**, and **96758D** is the 20% darker color. If you saturate the color by 10%, you get **CC95BE**, and if you desaturate by 10%, it is **CCBDC8**.

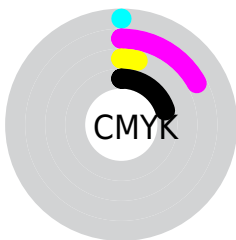
# Distribution



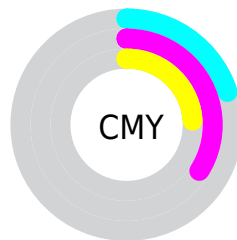
- Red (80%)
- Green (66%)
- Blue (76%)



- Red (80%)
- Yellow (66%)
- Blue (76%)



- Cyan (0%)
- Magenta (17%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCA9C3 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 CCA9C3 by changing the saturation by 10% instead.





CCA9C3



CCA9C3

FFFFFF



B08EA8



FFE0FC



96758D



FFFDFF



7C5C74



62445B



4A2E44



33182D



1F0019



000000



CCA9C3



CCA9C3

 CC95BE

 CCBDC8

 CC80B9

 CCD2CD

 CC6CB3

 CCE6D3

 CC57AE

 CCFBD8

 CC43A9

 CCFFDD

 CC2FA4

 CCFFE2

 CC1A9E

 CCFFE8

 CC0699

 CCFFED

 CC0098

 CCFFF2

# Harmonies

## Analogous

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



B9AED0



CCA9C3



D6A7B2

# Triad

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



CCA9C3



BFB390



84BCC6

# Complementary

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



CCA9C3



A9CCB2

# 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.



88BDB5



CCA9C3



ABB896

# Square

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



CCA9C3



CEAD94



97BCA3



8EB9D2

# Rectangle

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



CCA9C3



D8A8A6



97BCA3



84BDC1



# Sweetspot

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



CCA9C3



FFF2FC



B2A9CC



80787E



000000



808080



# Same Dimension

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



CCA9C3



FFC9F1



CCA9B2



665C63



A6007B



26001C



# Inverse Universe

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



CCA9C3



FFC9F1



A9CCC3



665C63



A6007B

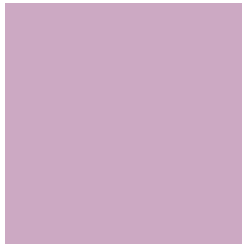


26001C



# Previews

## White Background



This preview shows how the Hex color CCA9C3 looks on a white background.

## Color Contrast Check

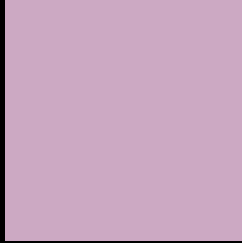
Large Text (above 18pt) WCAG AA × Fail

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 CCA9C3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

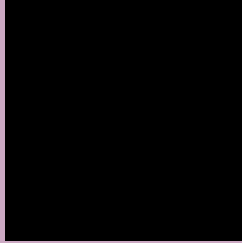
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCA9C3 Background



This preview shows how black text looks on a background with the Hex color CCA9C3.

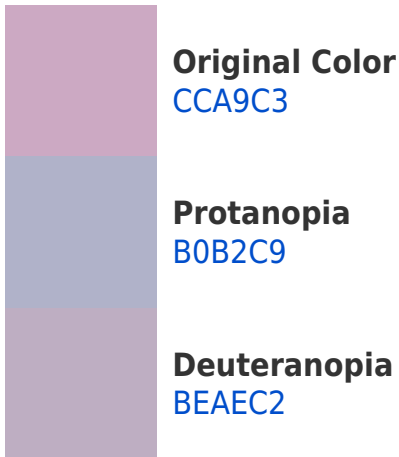


This preview shows how white text looks on a background with the Hex color CCA9C3.

# 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**  
CCA9C3

**Protanomaly**  
BAAFC7

**Deuteranomaly**  
C3ACC2

**Tritanomaly**  
CBAABC

# Monochromacy



**Original Color**  
CCA9C3

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
BEB1BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCA9C3 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 #CCA9C3 looks like.

```
.text, #text, p{  
    color:#CCA9C3  
}
```

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 #CCA9C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCA9C3
}
```

## Border

The CSS property to change the border of an element to Hex CCA9C3 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
#CCA9C3 }
```

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

```
.border{ border-color:#CCA9C3 }
```

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

Here you see how a box with a 4 pixel #CCA9C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCA9C3; -webkit-box-shadow:4px 4px  
4px 4px #CCA9C3; box-shadow:4px 4px 4px  
4px #CCA9C3 }
```

# Background

The CSS property to change the background color of an element to Hex CCA9C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCA9C3 }
```

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

```
.background{ background-color:#CCA9C3 }
```

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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