

# Converting Colors

Hex(CBA3C9)

Have a look what the booklet for  
Hex(CBA3C9) contains.

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# **Color**

**Hex(CBA3C9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBA3C9
RGB	203, 163, 201
RGB Percent	80%, 64%, 79%
CMY	0.2039, 0.3608, 0.2118
CMYK	0.00, 0.20, 0.01, 0.20
HSL	303°, 28%, 72%
HSV	303°, 20%, 80%
XYZ	48.2684, 43.1079, 61.0350
YIQ	179.2920, 11.6420, 20.2980

# Conversions

## Conversions Part 2

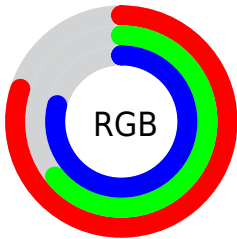
Format	Color
RYP	203, 163, 201
Decimal	13345737
CIELab	71.63, 21.21, -13.82
CIELCh	72, 25.313, 326.901
Yxy	43.1079, 0.3167, 0.2828
Android (android.graphics.Color)	4291535817 (0xFFCBA3C9)
YUV	179.2920, 10.7020, 20.7919
Hunter-Lab	65.6566, 16.3277, -9.1569

# Details

The Hex color **CBA3C9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3CBA5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDAFF**, and **946F93** is the 20% darker color. If you saturate the color by 10%, you get **CB8FC8**, and if you desaturate by 10%, it is **CBB7CA**.

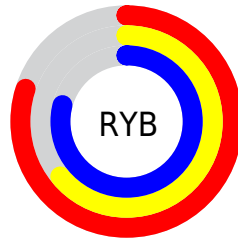
# Distribution



Red (80%)

Green (64%)

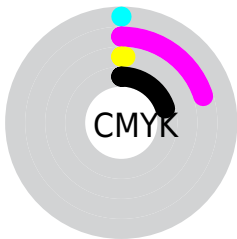
Blue (79%)



Red (80%)

Yellow (64%)

Blue (79%)

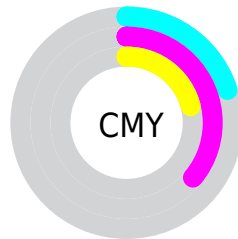


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA3C9 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 CBA3C9 by changing the saturation by 10% instead.



 CBA3C9

 CBA3C9

FFFFFF

 AF89AE

 FFDAFF

 946F93

 FFF7FF

 7A5679

 613F60

 492849

 321332

 1F001D

 000000

 CBA3C9

 CBA3C9

 CB8FC8

 CBB7CA

 CB7AC7

 CBCCCCB

 CB66C6

 CBE0CC

 CB52C5

 CBF4CD

 CB3EC4

 CBFFCE

 CB29C3

 CBFFCF

 CB15C2

 CBFFD0

 CB01C1

 CBFFD1

 CB00C1

 CBFFD2

# Harmonies

## Analogous

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



B0AAD9



CBA3C9



DB9FB3

# Triad

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



CBA3C9



C3AD82



6CBCC3

# Complementary

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



CBA3C9



A3CBA5

# 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.



78BCAC



CBA3C9



AAB486

# Square

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



CBA3C9



D5A68A



90BA96



75B9D5

# Rectangle

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



CBA3C9



DF9FA3



90BA96



6EBCBC



# Sweetspot

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



CBA3C9



FFF0FE



A5A3CB



80777F



000000



808080



# Same Dimension

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



CBA3C9



FFC2FC



CBA3B5



665C65



A6009D



260024



# Inverse Universe

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



CBA3C9



FFC2FC



A3CBB9



665C65



A6009D

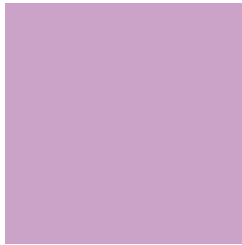


260024



# Previews

## White Background



This preview shows how the Hex color CBA3C9 looks on a white background.

## Color Contrast Check

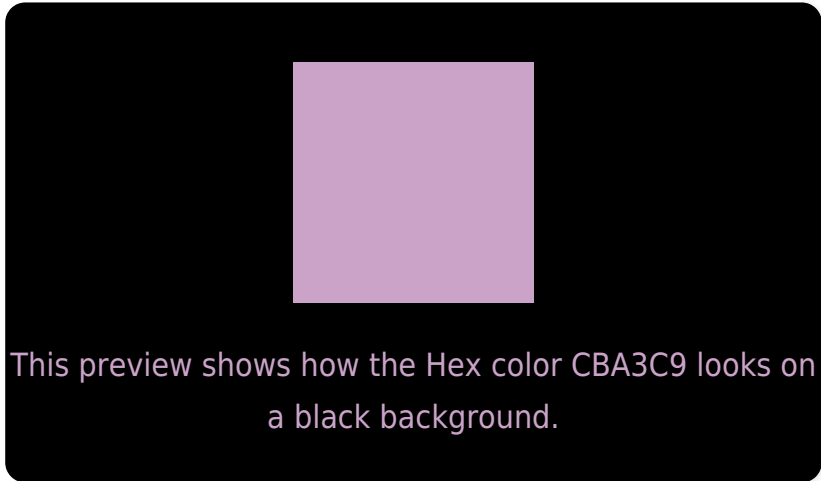
Large Text (above 18pt) WCAG AA × Fail

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 CBA3C9 Background



This preview shows how black text looks on a background with the Hex color CBA3C9.

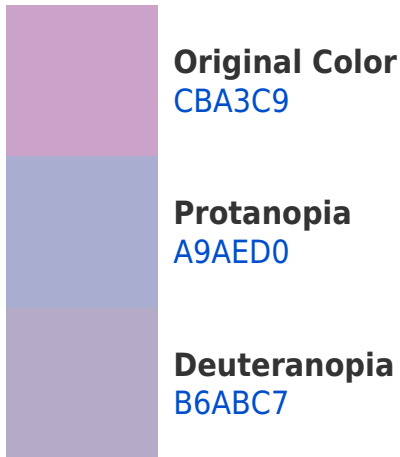


This preview shows how white text looks on a background with the Hex color CBA3C9.

# 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**  
C8A7B4

# Trichromacy



**Original Color**  
CBA3C9

**Protanomaly**  
B5AACD

**Deuteranomaly**  
BEA8C8

**Tritanomaly**  
C9A6BC

# Monochromacy



**Original Color**  
CBA3C9

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
BCADBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA3C9 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 #CBA3C9 looks like.

```
.text, #text, p{  
    color:#CBA3C9  
}
```

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 #CBA3C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA3C9
}
```

## Border

The CSS property to change the border of an element to Hex CBA3C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

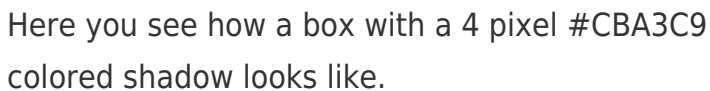
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CBA3C9 }
```

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

```
.border{ border-color:#CBA3C9 }
```

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



Here you see how a box with a 4 pixel `#CBA3C9` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA3C9; -webkit-box-shadow:4px 4px  
4px 4px #CBA3C9; box-shadow:4px 4px 4px  
4px #CBA3C9 }
```

# Background

The CSS property to change the background color of an element to Hex CBA3C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA3C9 }
```

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

```
.background{ background-color:#CBA3C9 }
```

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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