

# Converting Colors

Hex(CBA2C9)

Have a look what the booklet for  
Hex(CBA2C9) contains.

<b>Hex(CBA2C9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CBA2C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBA2C9
RGB	203, 162, 201
RGB Percent	80%, 64%, 79%
CMY	0.2039, 0.3647, 0.2118
CMYK	0.00, 0.20, 0.01, 0.20
HSL	303°, 28%, 72%
HSV	303°, 20%, 80%
XYZ	48.0915, 42.7542, 60.9760
YIQ	178.7050, 11.9170, 20.8210

# Conversions

## Conversions Part 2

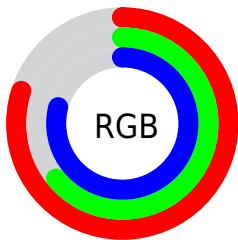
Format	Color
R <sub>Y</sub> B	203, 162, 201
Decimal	13345481
CIE Lab	71.39, 21.75, -14.18
CIE LCh	71, 25.969, 326.894
Yxy	42.7542, 0.3168, 0.2816
Android (android.graphics.Color)	4291535561 (0xFFCBA2C9)
YUV	178.7050, 10.9914, 21.3067
Hunter-Lab	65.3867, 16.8590, -9.5199

# Details

The Hex color **CBA2C9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A2CBA4**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD9FF**, and **946E93** is the 20% darker color. If you saturate the color by 10%, you get **CB8EC8**, and if you desaturate by 10%, it is **CBB6CA**.

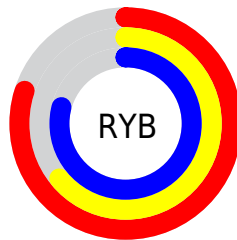
# Distribution



Red (80%)

Green (64%)

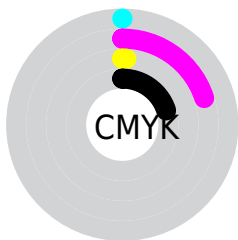
Blue (79%)



Red (80%)

Yellow (64%)

Blue (79%)

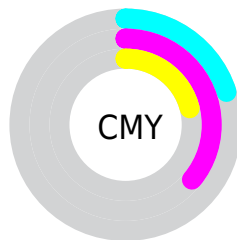


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA2C9 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 CBA2C9 by changing the saturation by 10% instead.



 CBA2C9

 CBA2C9

FFFFFF

 AF88AE

 FFD9FF

 946E93

 FFF6FF


 7A5579

 613E60

 492749

 321232

 1F001D

 000000

 CBA2C9

 CBA2C9

 CB8EC8

 CBB6CA

 CB79C7

 CBCBCB

 CB65C6

 CBDFCC

 CB51C5

 CBF3CD

 CB3CC4

 CBFFCE

 CB28C3

 CBFFCF

 CB14C2

 CBFFD0

 CB00C1

 CBFFD1

 CBFFD2

# Harmonies

## Analogous

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



AFAAD9



CBA2C9



DC9EB2

# Triad

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



CBA2C9



C3AC80



69BCC3

# Complementary

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



CBA2C9



A2CBA4

# 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.



76BCAB



CBA2C9



AAB484

# Square

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



CBA2C9



D5A588



8EB994



72B8D6

# Rectangle

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



CBA2C9



DF9EA2



8EB994



6BBCBC



# Sweetspot

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



CBA2C9



FFF0FE



A3A2CB



80777F



000000



808080



# Same Dimension

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



CBA2C9



FFC2FC



CBA2B5



665C66



A6009E



260024



# Inverse Universe

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



CBA2C9



FFC2FC



A2CBB8



665C66



A6009E

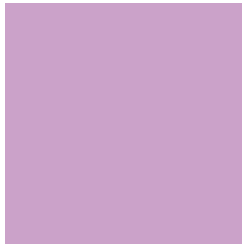


260024



# Previews

## White Background



This preview shows how the Hex color CBA2C9 looks on a white background.

## Color Contrast Check

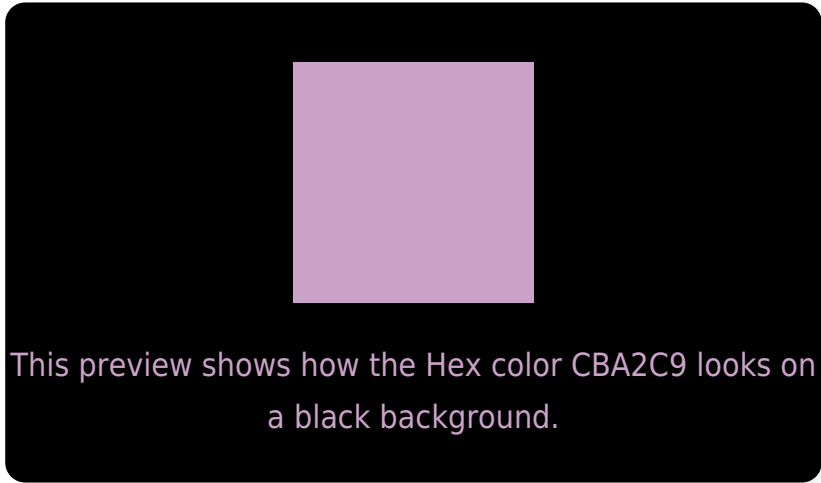
Large Text (above 18pt) WCAG AA × Fail

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

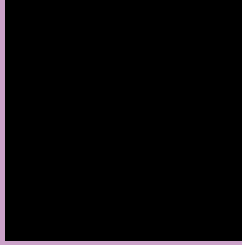
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBA2C9 Background



This preview shows how black text looks on a background with the Hex color CBA2C9.

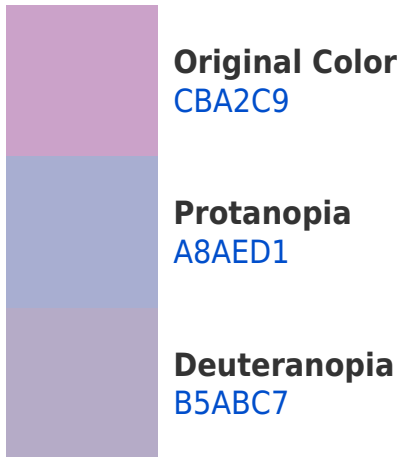


This preview shows how white text looks on a background with the Hex color CBA2C9.

# 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**  
C8A6B3

# Trichromacy



**Original Color**  
CBA2C9

**Protanomaly**  
B5AACE

**Deuteranomaly**  
BDA8C8

**Tritanomaly**  
C9A5BB

# Monochromacy



**Original Color**  
CBA2C9

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
BCADBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA2C9 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 #CBA2C9 looks like.

```
.text, #text, p{  
    color:#CBA2C9  
}
```

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 #CBA2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA2C9
}
```

## Border

The CSS property to change the border of an element to Hex CBA2C9 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
#CBA2C9 }
```

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

```
.border{ border-color:#CBA2C9 }
```

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

Here you see how a box with a 4 pixel #CBA2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA2C9; -webkit-box-shadow:4px 4px  
4px 4px #CBA2C9; box-shadow:4px 4px 4px  
4px #CBA2C9 }
```

# Background

The CSS property to change the background color of an element to Hex CBA2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA2C9 }
```

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

```
.background{ background-color:#CBA2C9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor