

# Converting Colors

Hex(CBA8BD)

Have a look what the booklet for  
Hex(CBA8BD) contains.

<b>Hex(CBA8BD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CBA8BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CBA8BD
RGB	203, 168, 189
RGB Percent	80%, 66%, 74%
CMY	0.2039, 0.3412, 0.2588
CMYK	0.00, 0.17, 0.07, 0.20
HSL	324°, 25%, 73%
HSV	324°, 17%, 80%
XYZ	47.8165, 44.3759, 54.1893
YIQ	180.8590, 14.1190, 13.9510

# Conversions

## Conversions Part 2

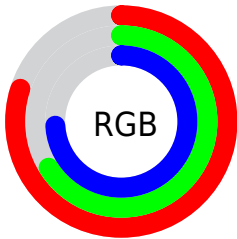
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 168, 189
Decimal	13347005
CIE <sub>Lab</sub>	72.48, 16.29, -5.94
CIE <sub>LCh</sub>	72, 17.340, 339.951
Yxy	44.3759, 0.3267, 0.3032
Android (android.graphics.Color)	4291537085 (0xFFCBA8BD)
YUV	180.8590, 4.0135, 19.4177
Hunter-Lab	66.6152, 11.5510, -1.5998

# Details

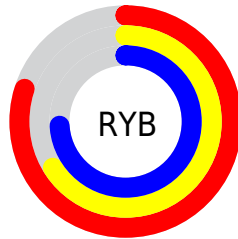
The Hex color **CBA8BD** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A8CBB6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFDFF5**, and **957488** is the 20% darker color. If you saturate the color by 10%, you get **CB94B5**, and if you desaturate by 10%, it is **CBBCC5**.

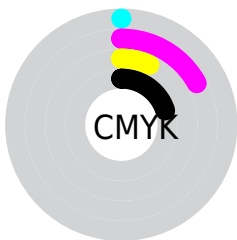
# Distribution



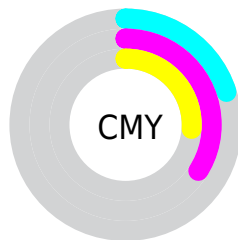
- Red (80%)
- Green (66%)
- Blue (74%)



- Red (80%)
- Yellow (66%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (34%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBA8BD 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 CBA8BD by changing the saturation by 10% instead.





CBA8BD



CBA8BD

FFFFFF



AF8DA2



FFDF5



957488



FFFCFF



7B5B6E



614356



492D3F



321829



1F0015



000000



CBA8BD



CBA8BD

 CB94B5

 CBBCC5

 CB7FAD

 CBD1CD

 CB6BA5

 CBE5D5

 CB579D

 CBF9DD

 CB4394

 CBFEE6

 CB2E8C

 CBFEE6

 CB1A84

 CBFFF6

 CB067C

 CBFFF6

 CB007A

 CBFFFF

# Harmonies

## Analogous

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



BBACCA



CBA8BD



D3A7AD

# Triad

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



CBA8BD



B9B293



89BAC5

# Complementary

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



CBA8BD



A8CBB6

# 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.



8ABBB7



CBA8BD



A7B799

# Square

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



CBA8BD



C8AD94



96BAA6



94B6CF

# Rectangle

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



CBA8BD



D3A8A3



96BAA6



88BAC1



# Sweetspot

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



CBA8BD



FFF2FA



B6A8CB



80787C



000000



808080



# Same Dimension

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



CBA8BD



FFC9EA



CBA8AC



665C62



A60063



260017



# Inverse Universe

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



CBA8BD



FFC9EA



A8CBC8



665C62



A60063

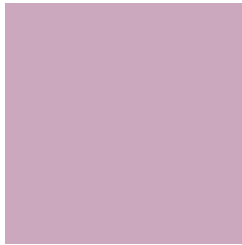


260017



# Previews

## White Background



This preview shows how the Hex color CBA8BD looks on a white background.

## Color Contrast Check

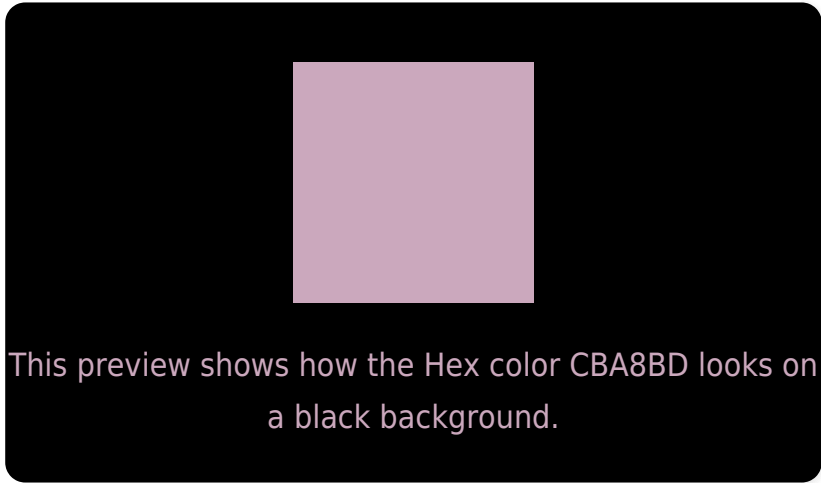
Large Text (above 18pt) WCAG AA × Fail

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

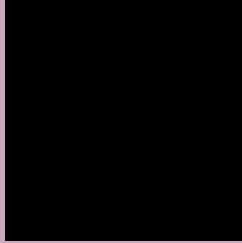
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBA8BD Background



This preview shows how black text looks on a background with the Hex color CBA8BD.

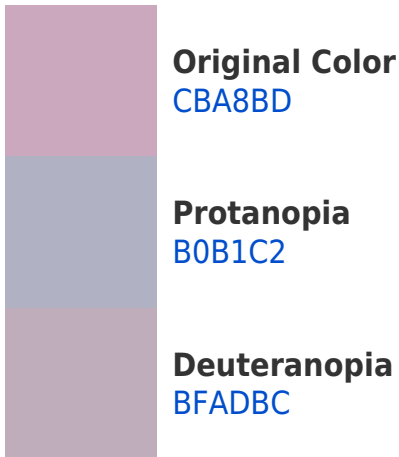


This preview shows how white text looks on a background with the Hex color CBA8BD.

# 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**  
CAA9B6

# Trichromacy



**Original Color**  
CBA8BD

**Protanomaly**  
BAAEC0

**Deuteranomaly**  
C3ABBC

**Tritanomaly**  
CAA9B9

# Monochromacy



**Original Color**  
CBA8BD

**Achromatopsia**  
B5B5B5

**Achromatomaly**  
BDB0B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBA8BD 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 #CBA8BD looks like.

```
.text, #text, p{  
    color:#CBA8BD  
}
```

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 #CBA8BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBA8BD  
}
```

## Border

The CSS property to change the border of an element to Hex CBA8BD 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  
#CBA8BD }
```

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

```
.border{ border-color:#CBA8BD }
```

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

Here you see how a box with a 4 pixel #CBA8BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBA8BD; -webkit-box-shadow:4px 4px  
4px 4px #CBA8BD; box-shadow:4px 4px 4px  
4px #CBA8BD }
```

# Background

The CSS property to change the background color of an element to Hex CBA8BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBA8BD }
```

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

```
.background{ background-color:#CBA8BD }
```

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