

# Converting Colors

Hex(CB9DAD)

Have a look what the booklet for  
Hex(CB9DAD) contains.

<b>Hex(CB9DAD)</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(CB9DAD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB9DAD
RGB	203, 157, 173
RGB Percent	80%, 62%, 68%
CMY	0.2039, 0.3843, 0.3216
CMYK	0.00, 0.23, 0.15, 0.20
HSL	339°, 31%, 71%
HSV	339°, 23%, 80%
XYZ	44.2284, 39.8276, 44.8916
YIQ	172.5780, 22.2800, 14.7280

# Conversions

## Conversions Part 2

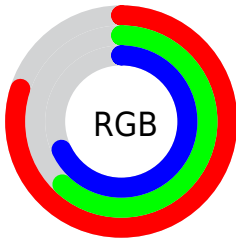
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 157, 173
Decimal	13344173
CIE Lab	69.35, 19.58, -1.71
CIE LCh	69, 19.659, 355.021
Yxy	39.8276, 0.3430, 0.3089
Android (android.graphics.Color)	4291534253 (0xFFFCB9DAD)
YUV	172.5780, 0.2080, 26.6801
Hunter-Lab	63.1091, 14.6562, 2.0015

# Details

The Hex color **CB9DAD** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9DCBBB**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFD4E4**, and **946979** is the 20% darker color. If you saturate the color by 10%, you get **CB89A0**, and if you desaturate by 10%, it is **CBB1BA**.

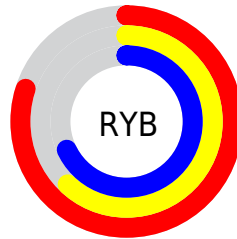
# Distribution



Red (80%)

Green (62%)

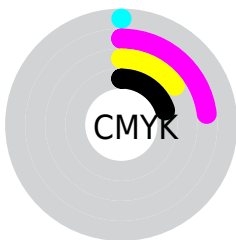
Blue (68%)



Red (80%)

Yellow (62%)

Blue (68%)

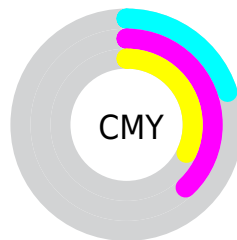


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9DAD 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 CB9DAD by changing the saturation by 10% instead.





CB9DAD



CB9DAD

FFFFFF



AF8392



FFD4E4



946979



FFF0FF



7A5160



613A48



482332



310E1D



1E0002



000000



CB9DAD



CB9DAD

 CB89A0

 CBB1BA

 CB7493

 CBC6C7

 CB6085

 CBDAD5

 CB4C78

 CBEEEE

 CB386B

 CBFEEF

 CB235E

 CBFFFC

 CB0F50

 CBFFFF

 CB0047

# Harmonies

## Analogous

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



BEA0BE



CB9DAD



CE9D9B

# Triad

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



CB9DAD



A7AD89



7EB1C6

# Complementary

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



CB9DAD



9DCBBB

# 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.



79B3B8



CB9DAD



93B194

# Square

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



CB9DAD



BAA786



81B3A6



91ACCC

# Rectangle

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



CB9DAD



CBA091



81B3A6



7BB2C2



# Sweetspot

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



CB9DAD



FFEDF3



BB9DCB



807579



000000



808080



# Same Dimension

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



CB9DAD



FFBAD2



CBA49D



665C5F



A6003A



26000D



# Inverse Universe

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



CB9DAD



FFBAD2



9DC4CB



665C5F



A6003A

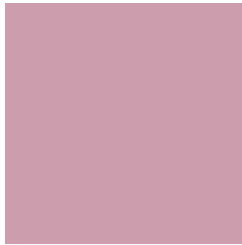


26000D



# Previews

## White Background



This preview shows how the Hex color CB9DAD looks on a white background.

## Color Contrast Check

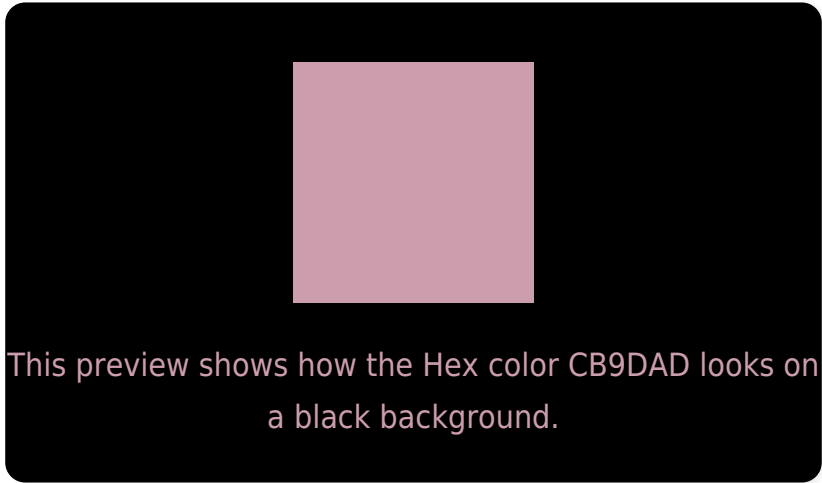
Large Text (above 18pt) WCAG AA × Fail

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

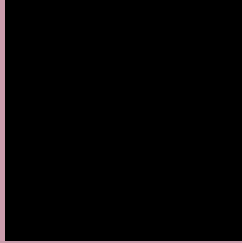
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB9DAD Background



This preview shows how black text looks on a background with the Hex color CB9DAD.

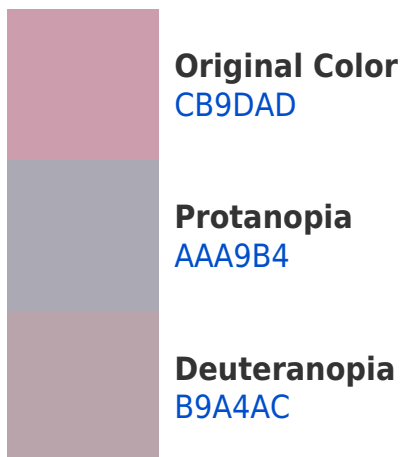


This preview shows how white text looks on a background with the Hex color CB9DAD.

# 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**  
CB9EAA

# Trichromacy



**Original Color**  
CB9DAD

**Protanomaly**  
B6A5B1

**Deuteranomaly**  
C0A1AC

**Tritanomaly**  
CB9EAB

# Monochromacy



**Original Color**  
CB9DAD

**Achromatopsia**  
ADADAD

**Achromatomaly**  
B8A7AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9DAD 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 #CB9DAD looks like.

```
.text, #text, p{  
    color:#CB9DAD  
}
```

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 #CB9DAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9DAD
}
```

## Border

The CSS property to change the border of an element to Hex CB9DAD 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
#CB9DAD }
```

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

```
.border{ border-color:#CB9DAD }
```

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

Here you see how a box with a 4 pixel #CB9DAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9DAD; -webkit-box-shadow:4px 4px  
4px 4px #CB9DAD; box-shadow:4px 4px 4px  
4px #CB9DAD }
```

# Background

The CSS property to change the background color of an element to Hex CB9DAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9DAD }
```

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

```
.background{ background-color:#CB9DAD }
```

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