

# Converting Colors

Hex(CB9CB1)

Have a look what the booklet for  
Hex(CB9CB1) contains.

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# **Color**

**Hex(CB9CB1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB9CB1
RGB	203, 156, 177
RGB Percent	80%, 61%, 69%
CMY	0.2039, 0.3882, 0.3059
CMYK	0.00, 0.23, 0.13, 0.20
HSL	333°, 31%, 70%
HSV	333°, 23%, 80%
XYZ	44.4529, 39.6478, 46.9048
YIQ	172.4470, 21.2710, 16.4950

# Conversions

## Conversions Part 2

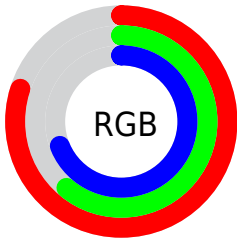
Format	Color
<a href="#">RYB</a>	<a href="#">203, 156, 177</a>
Decimal	<a href="#">13343921</a>
CIELab	<a href="#">69.22, 20.79, -4.12</a>
CIELCh	<a href="#">69, 21.198, 348.790</a>
Yxy	<a href="#">39.6478, 0.3393, 0.3026</a>
Android (android.graphics.Color)	<a href="#">4291534001 (0xFFCB9CB1)</a>
YUV	<a href="#">172.4470, 2.2446, 26.7950</a>
Hunter-Lab	<a href="#">62.9665, 15.8256, -0.0896</a>

# Details

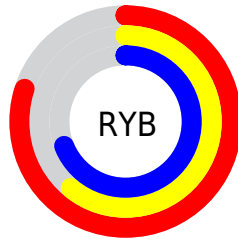
The Hex color **CB9CB1** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9CCBB6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD3E9**, and **94687C** is the 20% darker color. If you saturate the color by 10%, you get **CB88A6**, and if you desaturate by 10%, it is **CBB0BC**.

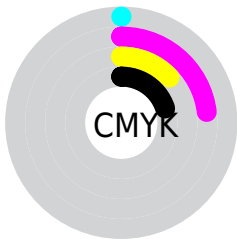
# Distribution



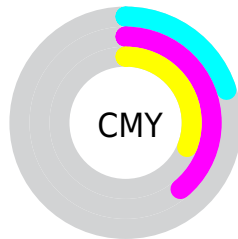
- Red (80%)
- Green (61%)
- Blue (69%)



- Red (80%)
- Yellow (61%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (39%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9CB1 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 CB9CB1 by changing the saturation by 10% instead.



 CB9CB1

 CB9CB1

FFFFFF

 AF8296

 FFD3E9

 94687C

 FFEFFF

 7A5064

 61394C

 482235

 310D20

 1E0008

 000000

 CB9CB1

 CB9CB1

 CB88A6

 CBB0BC

 CB739B

 CBC5C7

 CB5F8F

 CBD9D3

 CB4B84

 CBEDDE

 CB3779

 CBFFE9

 CB226E

 CBFFF4

 CB0E62

 CBFFFF

 CB005B

# Harmonies

## Analogous

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



BBA0C2



CB9CB1



D19C9D

# Triad

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



CB9CB1



ABAC85



77B2C5

# Complementary

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



CB9CB1



9CCBB6

# 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.



74B4B5



CB9CB1



95B18F

# Square

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



CB9CB1



BEA584



81B4A1



89ADCE

# Rectangle

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



CB9CB1



CF9E92



81B4A1



74B3C0



# Sweetspot

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



CB9CB1



FFEDF5



B69CCB



80757A



000000



808080



# Same Dimension

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



CB9CB1



FFB8D8



CB9E9C



665C60



A6004A



260011



# Inverse Universe

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



CB9CB1



FFB8D8



9CC9CB



665C60



A6004A

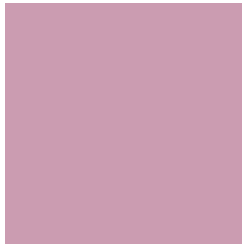


260011



# Previews

## White Background



This preview shows how the Hex color CB9CB1 looks on a white background.

## Color Contrast Check

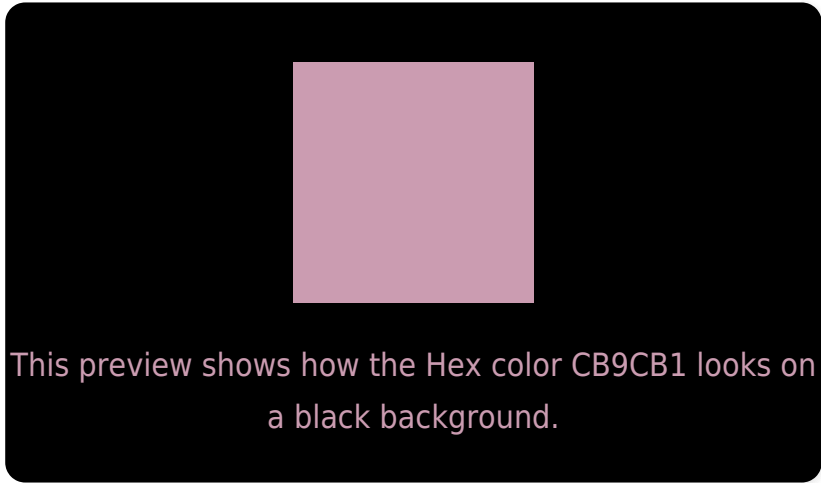
Large Text (above 18pt) WCAG AA × Fail

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 CB9CB1 Background



This preview shows how black text looks on a background with the Hex color CB9CB1.

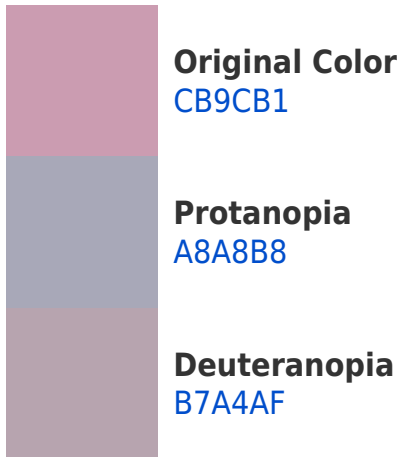


This preview shows how white text looks on a background with the Hex color CB9CB1.

# 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**  
CA9DA9

# Trichromacy



**Original Color**  
CB9CB1

**Protanomaly**  
B5A4B5

**Deuteranomaly**  
BEA1B0

**Tritanomaly**  
CA9DAC

# Monochromacy



**Original Color**  
CB9CB1

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B7A6AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9CB1 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 #CB9CB1 looks like.

```
.text, #text, p{  
    color:#CB9CB1  
}
```

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 #CB9CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9CB1  
}
```

## Border

The CSS property to change the border of an element to Hex CB9CB1 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  
#CB9CB1 }
```

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

```
.border{ border-color:#CB9CB1 }
```

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

Here you see how a box with a 4 pixel #CB9CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9CB1; -webkit-box-shadow:4px 4px  
4px 4px #CB9CB1; box-shadow:4px 4px 4px  
4px #CB9CB1 }
```

# Background

The CSS property to change the background color of an element to Hex CB9CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9CB1 }
```

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

```
.background{ background-color:#CB9CB1 }
```

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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