

# Converting Colors

Hex(CB8CA0)

Have a look what the booklet for  
Hex(CB8CA0) contains.

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# **Color**

**Hex(CB8CA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB8CA0
RGB	203, 140, 160
RGB Percent	80%, 55%, 63%
CMY	0.2039, 0.4510, 0.3725
CMYK	0.00, 0.31, 0.21, 0.20
HSL	341°, 38%, 67%
HSV	341°, 31%, 80%
XYZ	40.3518, 33.9907, 37.6918
YIQ	161.1170, 31.1280, 19.5760

# Conversions

## Conversions Part 2

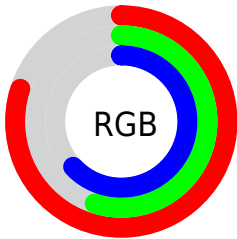
Format	Color
R <sub>Y</sub> B	203, 140, 160
Decimal	13339808
CIE Lab	64.96, 26.84, -0.85
CIE LCh	65, 26.858, 358.183
Yxy	33.9907, 0.3602, 0.3034
Android (android.graphics.Color)	4291529888 (0xFFCB8CA0)
YUV	161.1170, -0.5507, 36.7314
Hunter-Lab	58.3016, 21.5161, 2.4803

# Details

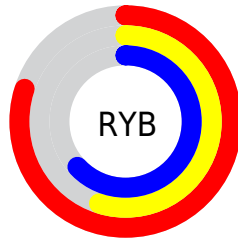
The Hex color **CB8CA0** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8CCBB7**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC2D7**, and **94596D** is the 20% darker color. If you saturate the color by 10%, you get **CB7892**, and if you desaturate by 10%, it is **CBA0AE**.

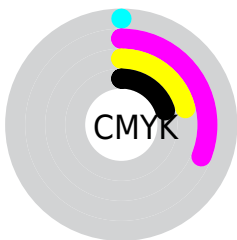
# Distribution



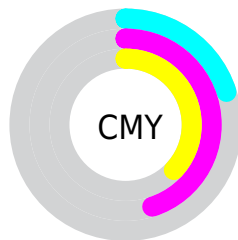
- Red (80%)
- Green (55%)
- Blue (63%)



- Red (80%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (20%)



- Cyan (20%)
- Magenta (45%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB8CA0 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 CB8CA0 by changing the saturation by 10% instead.



 CB8CA0

 CB8CA0

FFFFFF

 AF7286

 FFC2D7

 94596D

 FFDEF3

 794154

 FFFBFF

 5F293D

 461228

 2F0013

 0D0000

 000000

 CB8CA0

 CB8CA0

 CB7892

 CBA0AE

 CB6384

 CBB5BC

 CB4F76

 CBC9CA

 CB3B69

 CBDDD7

 CB275B

 CBF2E5

 CB124D

 CBFFF3

 CB0040

 CBFFFF

# Harmonies

## Analogous

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



BB90B7



CB8CA0



CD8D88

# Triad

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



CB8CA0



97A373



5EA7C6

# Complementary

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



CB8CA0



8CCBB7

# 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.



53AAB3



CB8CA0



7BA884

# Square

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



CB8CA0



B09C6E



61AB9B



7DA0CD

# Rectangle

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



CB8CA0



C8917B



61AB9B



57A8C1



# Sweetspot

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



CB8CA0



FFE8EF



B68CCB



807176



000000



808080



# Same Dimension

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



CB8CA0



FFA1BF



CB978C



665C5F



A60035



26000C



# Inverse Universe

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



CB8CA0



FFA1BF



8CC1CB



665C5F



A60035

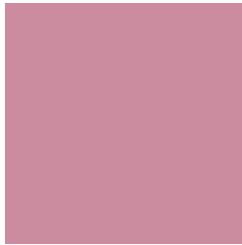


26000C



# Previews

## White Background



This preview shows how the Hex color CB8CA0 looks on a white background.

## Color Contrast Check

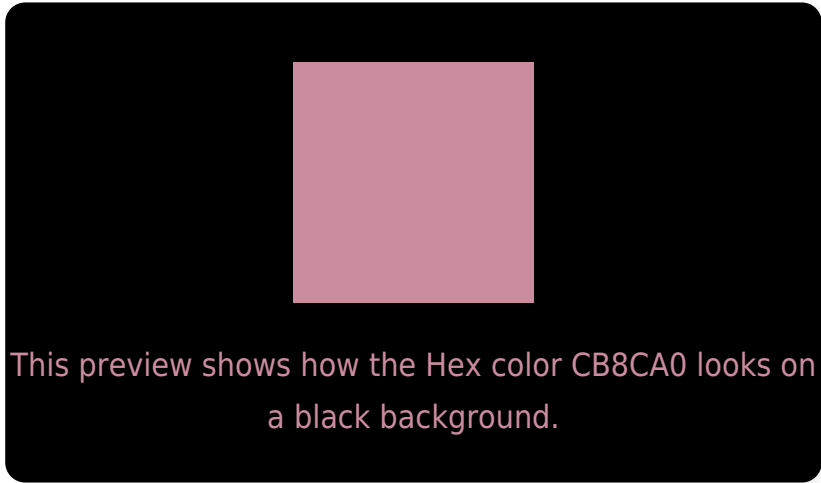
Large Text (above 18pt) WCAG AA × Fail

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 CB8CA0 Background



This preview shows how black text looks on a background with the Hex color CB8CA0.

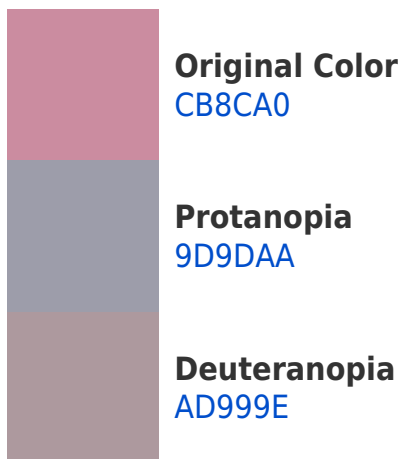


This preview shows how white text looks on a background with the Hex color CB8CA0.

# 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**  
CA8D98

# Trichromacy



**Original Color**  
CB8CA0

**Protanomaly**  
AE97A6

**Deuteranomaly**  
B8949F

**Tritanomaly**  
CA8D9B

# Monochromacy



**Original Color**  
CB8CA0

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
B099A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB8CA0 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 #CB8CA0 looks like.

```
.text, #text, p{  
    color:#CB8CA0  
}
```

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 #CB8CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB8CA0  
}
```

## Border

The CSS property to change the border of an element to Hex CB8CA0 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  
#CB8CA0 }
```

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

```
.border{ border-color:#CB8CA0 }
```

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

Here you see how a box with a 4 pixel #CB8CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB8CA0; -webkit-box-shadow:4px 4px  
4px 4px #CB8CA0; box-shadow:4px 4px 4px  
4px #CB8CA0 }
```

# Background

The CSS property to change the background color of an element to Hex CB8CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB8CA0 }
```

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

```
.background{ background-color:#CB8CA0 }
```

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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