

# Converting Colors

Hex(CB9AAF)

Have a look what the booklet for  
Hex(CB9AAF) contains.

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# **Color**

**Hex(CB9AAF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB9AAF
RGB	203, 154, 175
RGB Percent	80%, 60%, 69%
CMY	0.2039, 0.3961, 0.3137
CMYK	0.00, 0.24, 0.14, 0.20
HSL	334°, 32%, 70%
HSV	334°, 24%, 80%
XYZ	43.9221, 38.9029, 45.7515
YIQ	171.0450, 22.4630, 16.9190

# Conversions

## Conversions Part 2

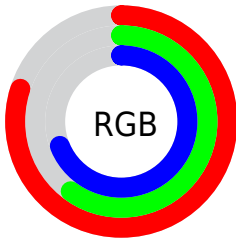
Format	Color
R <sub>Y</sub> B	203, 154, 175
Decimal	13343407
CIE Lab	68.68, 21.56, -3.80
CIE LCh	69, 21.890, 350.007
Yxy	38.9029, 0.3416, 0.3026
Android (android.graphics.Color)	4291533487 (0xFFFCB9AAF)
YUV	171.0450, 1.9498, 28.0245
Hunter-Lab	62.3722, 16.5473, 0.1698

# Details

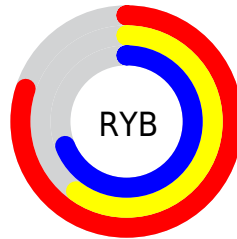
The Hex color **CB9AAF** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9ACBB6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD1E6**, and **94667B** is the 20% darker color. If you saturate the color by 10%, you get **CB86A3**, and if you desaturate by 10%, it is **CBAEBB**.

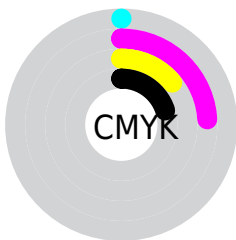
# Distribution



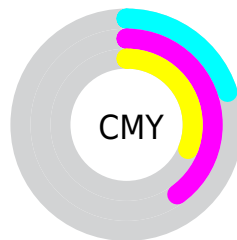
- Red (80%)
- Green (60%)
- Blue (69%)



- Red (80%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB9AAF 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 CB9AAF by changing the saturation by 10% instead.



 CB9AAF

 CB9AAF

FFFFFF

 AF8094

 FFD1E6

 94667B

 FFEDFF

 7A4E62

 61374A

 482033

 300B1E

 1D0004

 000000

 CB9AAF

 CB9AAF

 CB86A3

 CBAEBB

 CB7198

 CBC3C6

 CB5D8C

 CBD7D2

 CB4981

 CBEBDD

 CB3575

 CBFFE9

 CB2069

 CBFFF5

 CB0C5E

 CBFFFF

 CB0057

# Harmonies

## Analogous

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



BB9EC1



CB9AAF



D09A9B

# Triad

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



CB9AAF



A8AA82



74B0C5

# Complementary

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



CB9AAF



9ACBB6

# 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.



70B3B4



CB9AAF



92B08E

# Square

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



CB9AAF



BDA481



7DB2A0



87ABCE

# Rectangle

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



CB9AAF



CE9C8F



7DB2A0



71B1C0



# Sweetspot

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



CB9AAF



FFEDF5



B69ACB



80757A



000000



808080



# Same Dimension

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



CB9AAF



FFB5D5



CB9D9A



665C60



A60047



260010



# Inverse Universe

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



CB9AAF



FFB5D5



9AC8CB



665C60



A60047

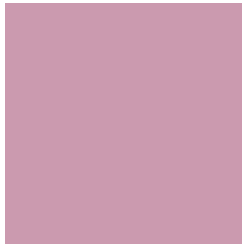


260010



# Previews

## White Background



This preview shows how the Hex color CB9AAF looks on a white background.

## Color Contrast Check

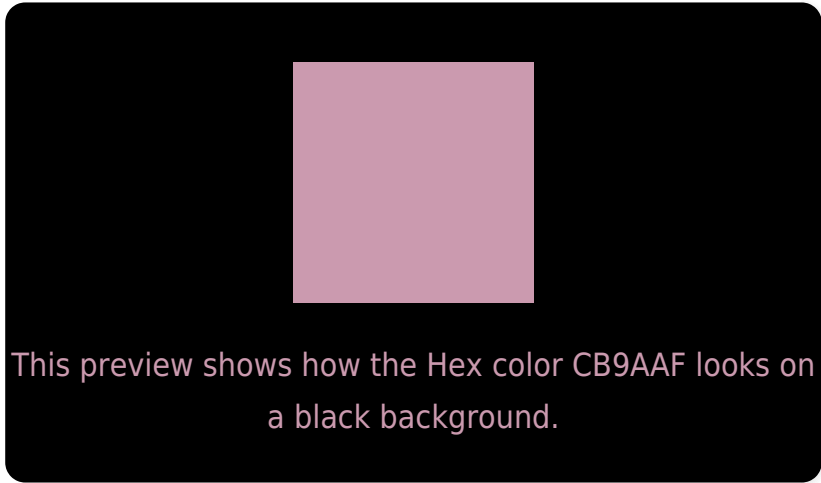
Large Text (above 18pt) WCAG AA × Fail

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

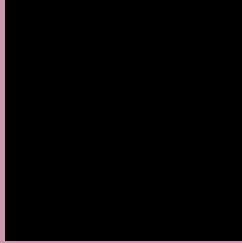
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB9AAF Background



This preview shows how black text looks on a background with the Hex color CB9AAF.

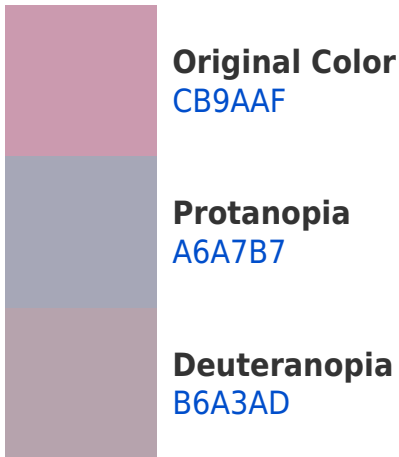


This preview shows how white text looks on a background with the Hex color CB9AAF.

# 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](#).

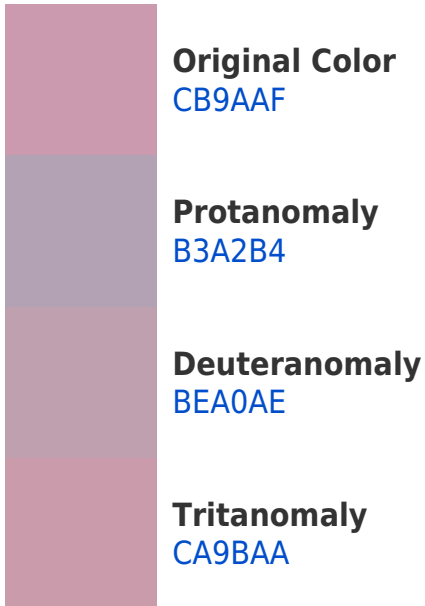
## Dichromacy



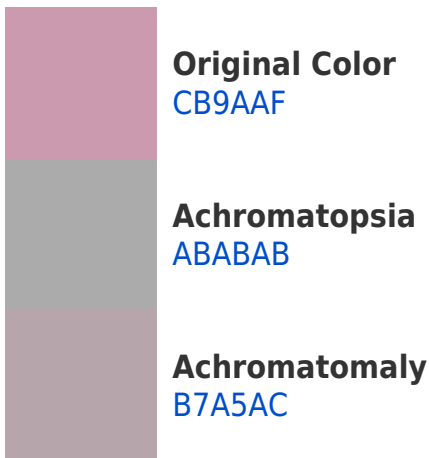


**Tritanopia**  
CA9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB9AAF 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 #CB9AAF looks like.

```
.text, #text, p{  
    color:#CB9AAF  
}
```

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 #CB9AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB9AAF
}
```

## Border

The CSS property to change the border of an element to Hex CB9AAF 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
#CB9AAF }
```

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

```
.border{ border-color:#CB9AAF }
```

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

Here you see how a box with a 4 pixel #CB9AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB9AAF; -webkit-box-shadow:4px 4px  
4px 4px #CB9AAF; box-shadow:4px 4px 4px  
4px #CB9AAF }
```

# Background

The CSS property to change the background color of an element to Hex CB9AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB9AAF }
```

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

```
.background{ background-color:#CB9AAF }
```

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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