

# Converting Colors

Hex(C999C0)

Have a look what the booklet for  
Hex(C999C0) contains.

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# **Color**

**Hex(C999C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C999C0
RGB	201, 153, 192
RGB Percent	79%, 60%, 75%
CMY	0.2118, 0.4000, 0.2471
CMYK	0.00, 0.24, 0.04, 0.21
HSL	311°, 31%, 69%
HSV	311°, 24%, 79%
XYZ	44.9931, 39.0057, 55.0266
YIQ	171.7980, 16.0890, 22.3050

# Conversions

## Conversions Part 2

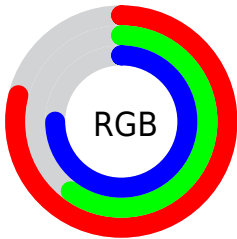
Format	Color
R <sub>Y</sub> B	201, 153, 192
Decimal	13212096
CIE Lab	68.76, 24.35, -13.18
CIE LCh	69, 27.689, 331.583
Yxy	39.0057, 0.3236, 0.2806
Android (android.graphics.Color)	4291402176 (0xFFC999C0)
YUV	171.7980, 9.9596, 25.6102
Hunter-Lab	62.4546, 19.2981, -8.5202

# Details

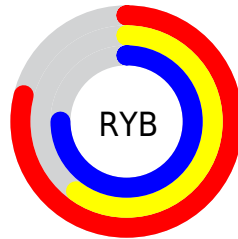
The Hex color **C999C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99C9A2**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD0F8**, and **92658A** is the 20% darker color. If you saturate the color by 10%, you get **C985BC**, and if you desaturate by 10%, it is **C9ADC4**.

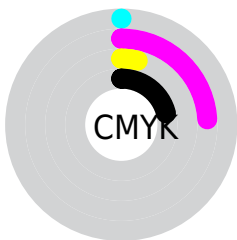
# Distribution



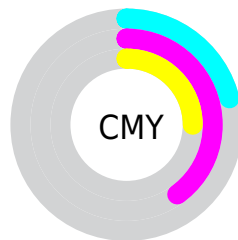
- Red (79%)
- Green (60%)
- Blue (75%)



- Red (79%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (24%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C999C0 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 C999C0 by changing the saturation by 10% instead.



 C999C0

 C999C0

FFFFFF

 AD7FA5

 FFD0F8

 92658A

 FFECFF

 784D71

 5F3658

 471F41

 2F092B

 1B0017

 000000

 C999C0

 C999C0

 C985BC

 C9ADC4

 C971B8

 C9C1C8

 C95DB5

 C9D5CB

 C949B1

 C9E9CF

 C935AD

 C9FED3

 C920A9

 C9FFD7

 C90CA6

 C9FFDA

 C900A3

 C9FFDE

 C9FFE2

# Harmonies

## Analogous

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



ADA1D2



C999C0



D895A7

# Triad

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



C999C0



B8A776



5AB5C1

# Complementary

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



C999C0



99C9A2

# 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.



66B6A8



C999C0



9DAE7D

# Square

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



C999C0



CE9E7C



81B38F



69B1D3

# Rectangle

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



C999C0



DA9696



81B38F



5CB5B9



# Sweetspot

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



C999C0



FFEDFC



A299C9



80757E



000000



808080



# Same Dimension

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



C999C0



FFB5F1



C999A8



635A62



A30085



24001D



# Inverse Universe

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



C999C0



FFB5F1



99C9BA



635A62



A30085

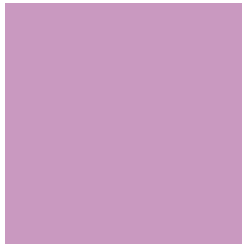


24001D



# Previews

## White Background



This preview shows how the Hex color C999C0 looks on a white background.

## Color Contrast Check

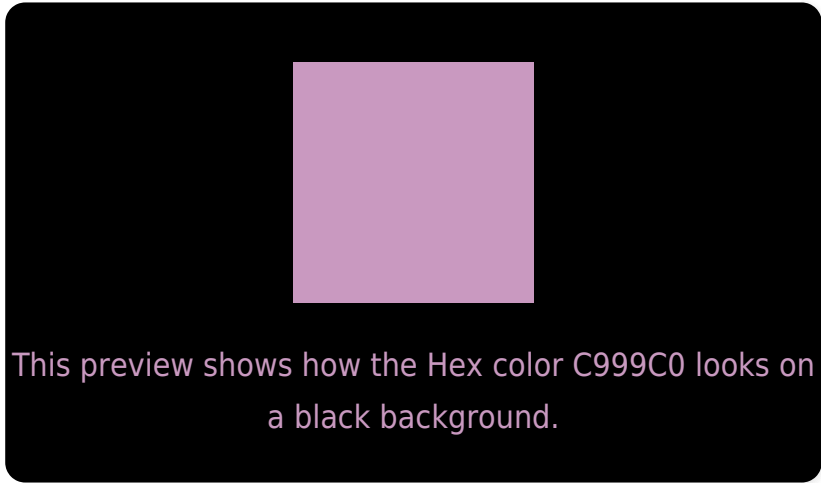
Large Text (above 18pt) WCAG AA × Fail

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

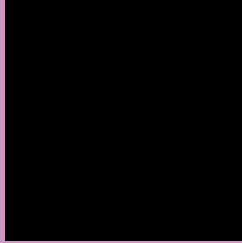
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C999C0 Background



This preview shows how black text looks on a background with the Hex color C999C0.

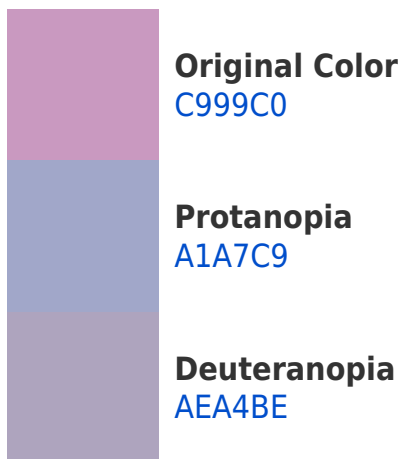


This preview shows how white text looks on a background with the Hex color C999C0.

# 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](#).

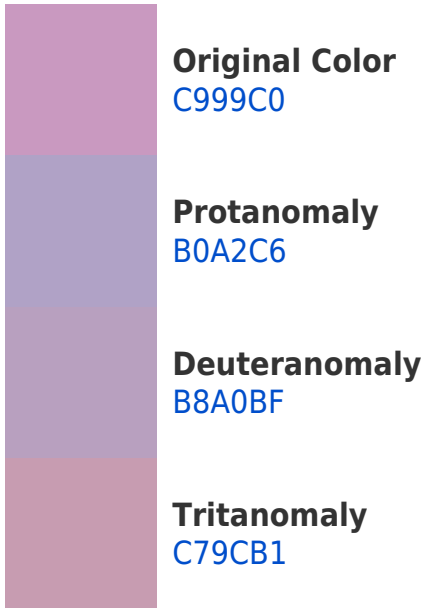
## Dichromacy



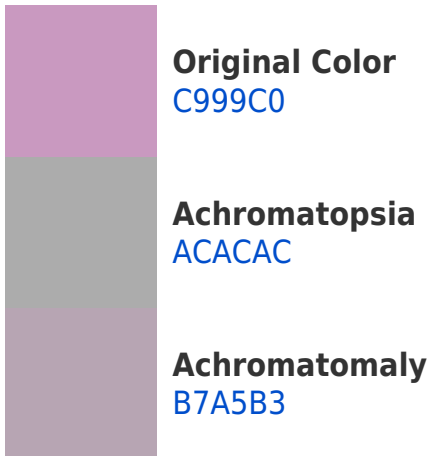


**Tritanopia**  
C69DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C999C0 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 #C999C0 looks like.

```
.text, #text, p{  
    color:#C999C0  
}
```

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 #C999C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C999C0
}
```

## Border

The CSS property to change the border of an element to Hex C999C0 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
#C999C0 }
```

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

```
.border{ border-color:#C999C0 }
```

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

Here you see how a box with a 4 pixel #C999C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C999C0; -webkit-box-shadow:4px 4px  
4px 4px #C999C0; box-shadow:4px 4px 4px  
4px #C999C0 }
```

# Background

The CSS property to change the background color of an element to Hex C999C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C999C0 }
```

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

```
.background{ background-color:#C999C0 }
```

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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