

# Converting Colors

Hex(C99AB0)

Have a look what the booklet for  
Hex(C99AB0) contains.

<b>Hex(C99AB0)</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(C99AB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C99AB0
RGB	201, 154, 176
RGB Percent	79%, 60%, 69%
CMY	0.2118, 0.3961, 0.3098
CMYK	0.00, 0.23, 0.12, 0.21
HSL	332°, 30%, 70%
HSV	332°, 23%, 79%
XYZ	43.4795, 38.6633, 46.2454
YIQ	170.5610, 20.9500, 16.8060

# Conversions

## Conversions Part 2

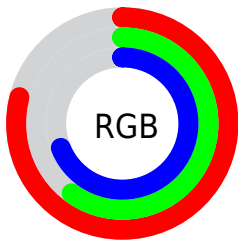
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 154, 176
Decimal	13212336
CIE Lab	68.51, 21.01, -4.64
CIE LCh	69, 21.511, 347.554
Yxy	38.6633, 0.3387, 0.3011
Android (android.graphics.Color)	4291402416 (0xFFC99AB0)
YUV	170.5610, 2.6814, 26.6950
Hunter-Lab	62.1798, 16.0021, -0.5703

# Details

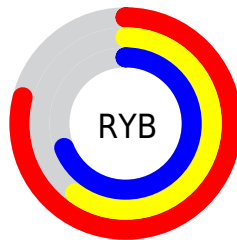
The Hex color **C99AB0** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **9AC9B3**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD1E8**, and **92677C** is the 20% darker color. If you saturate the color by 10%, you get **C986A5**, and if you desaturate by 10%, it is **C9AEBB**.

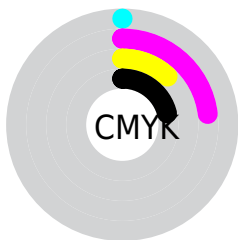
# Distribution



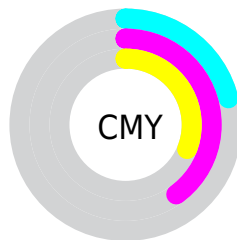
- Red (79%)
- Green (60%)
- Blue (69%)



- Red (79%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (12%)
- Black (21%)



- Cyan (21%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C99AB0 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 C99AB0 by changing the saturation by 10% instead.



 C99AB0

 C99AB0

FFFFFF

 AD8095

 FFD1E8

 92677C

 FFEDFF

 784E63

 5F374B

 472134

 2F0B1F

 1B0006

 000000

 C99AB0

 C99AB0

 C986A5

 C9AE8B

 C9729B

 C9C2C5

 C95E90

 C9D6D0

 C94A85

 C9EADB

 C9357B

 C9FFE5

 C92170

 C9FFF0

 C90D65

 C9FFFB

 C9005E

 C9FFFF

# Harmonies

## Analogous

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



B89EC1



C99AB0



CF999C

# Triad

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



C99AB0



AAA982



74B0C3

# Complementary

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



C99AB0



9AC9B3

# 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.



72B2B2



C99AB0



94AF8C

# Square

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



C99AB0



BDA381



7FB29E



86ABCD

# Rectangle

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



C99AB0



CD9B90



7FB29E



71B1BE



# Sweetspot

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



C99AB0



FFEDF6



B29AC9



80757A



000000



808080



# Same Dimension

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



C99AB0



FFB8D9



C99B9A



635A5E



A3004C



240011



# Inverse Universe

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



C99AB0



FFB8D9



9AC8C9



635A5E



A3004C

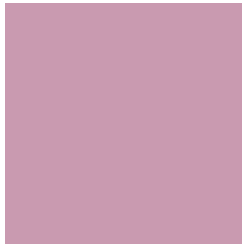


240011



# Previews

## White Background



This preview shows how the Hex color C99AB0 looks on a white background.

## Color Contrast Check

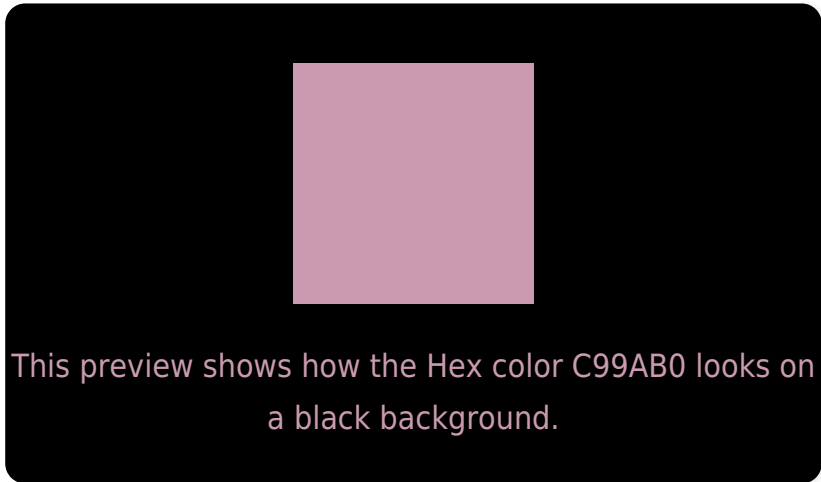
Large Text (above 18pt) WCAG AA × Fail

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 C99AB0 Background



This preview shows how black text looks on a background with the Hex color C99AB0.

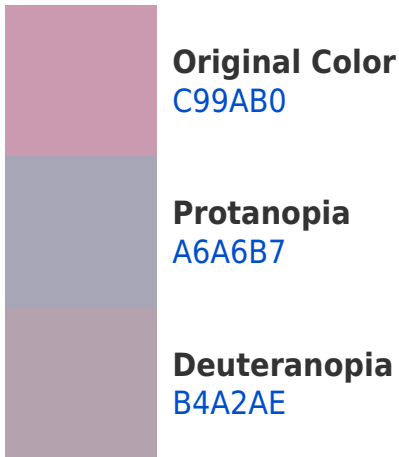


This preview shows how white text looks on a background with the Hex color C99AB0.

# 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](#).

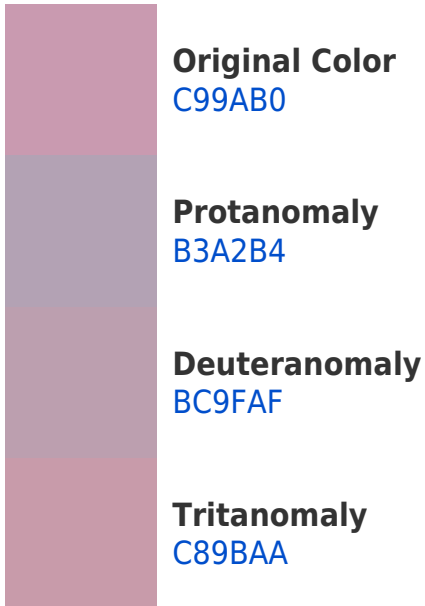
## Dichromacy



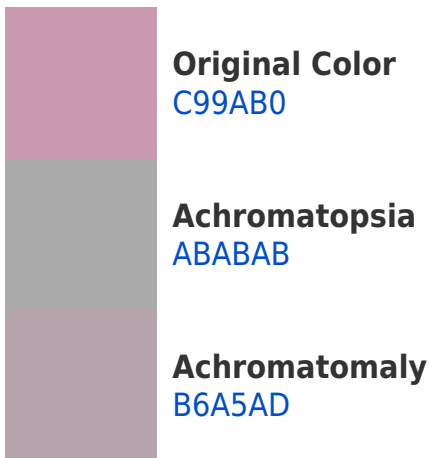


**Tritanopia**  
C89BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C99AB0 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 #C99AB0 looks like.

```
.text, #text, p{  
    color:#C99AB0  
}
```

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 #C99AB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C99AB0  
}
```

## Border

The CSS property to change the border of an element to Hex C99AB0 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  
#C99AB0 }
```

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

```
.border{ border-color:#C99AB0 }
```

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

Here you see how a box with a 4 pixel #C99AB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C99AB0; -webkit-box-shadow:4px 4px  
4px 4px #C99AB0; box-shadow:4px 4px 4px  
4px #C99AB0 }
```

# Background

The CSS property to change the background color of an element to Hex C99AB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C99AB0 }
```

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

```
.background{ background-color:#C99AB0 }
```

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