

# Converting Colors

Hex(C98BCB)

Have a look what the booklet for  
Hex(C98BCB) contains.

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# **Color**

**Hex(C98BCB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C98BCB
RGB	201, 139, 203
RGB Percent	79%, 55%, 80%
CMY	0.2118, 0.4549, 0.2039
CMYK	0.01, 0.32, 0.00, 0.20
HSL	298°, 38%, 67%
HSV	298°, 32%, 80%
XYZ	44.0995, 35.1945, 60.9688
YIQ	164.8340, 16.4080, 33.0480

# Conversions

## Conversions Part 2

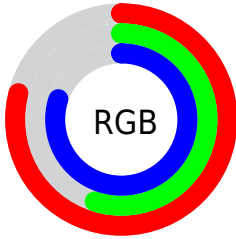
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 139, 203
Decimal	13208523
CIE <sub>Lab</sub>	65.90, 34.06, -23.64
CIE <sub>LCh</sub>	66, 41.463, 325.240
Yxy	35.1945, 0.3144, 0.2509
Android (android.graphics.Color)	4291398603 (0xFFC98BCB)
YUV	164.8340, 18.8158, 31.7176
Hunter-Lab	59.3250, 28.8701, -19.4054

# Details

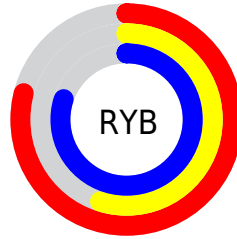
The Hex color **C98BCB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8DCB8B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC1FF**, and **925895** is the 20% darker color. If you saturate the color by 10%, you get **C877CB**, and if you desaturate by 10%, it is **CA9FCB**.

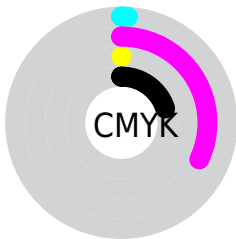
# Distribution



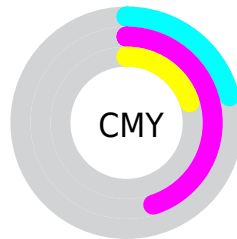
- Red (79%)
- Green (55%)
- Blue (80%)



- Red (79%)
- Yellow (55%)
- Blue (80%)



- Cyan (1%)
- Magenta (32%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (45%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C98BCB 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 C98BCB by changing the saturation by 10% instead.



 C98BCB

 C98BCB

FFFFFF

 AD71AF

 FFC1FF

 925895

 FFDDFF

 773F7B

 FFFAFF

 5E2762

 450E4A

 2D0033

 14001D

 000000

 C98BCB

 C98BCB

 C877CB

 CA9FCB

 C862CB

 CAB4CB

 C74ECB

 CBC8CB

 C63ACB

 CCDCCB

 C625CB

 CCF1CB

 C511CB

 CDFFCB

 C500CB

 CEFFCB

 CFFFCB

# Harmonies

## Analogous

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



9B99E3



C98BCB



E383A8

# Triad

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



C98BCB



BD9C55



00B3BF

# Complementary

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



C98BCB



8DCB8B

# 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.



2EB399



C98BCB



98A75B

# Square

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



C98BCB



D98F64



6BAF74



00AFDC

# Rectangle

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



C98BCB



E8838E



6BAF74



00B4B2



# Sweetspot

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



C98BCB



FEE8FF



8B8DCB



7F7180



000000



808080



# Same Dimension

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



C98BCB



FC9EFF



CB8BAD



665C66



A100A6



250026



# Inverse Universe

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



CB8B8D



FF9EA1



8BCBA9



665C5C



A60005

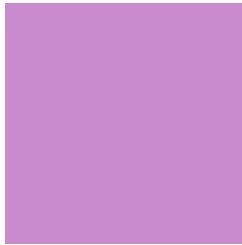


260001



# Previews

## White Background



This preview shows how the Hex color C98BCB looks on a white background.

## Color Contrast Check

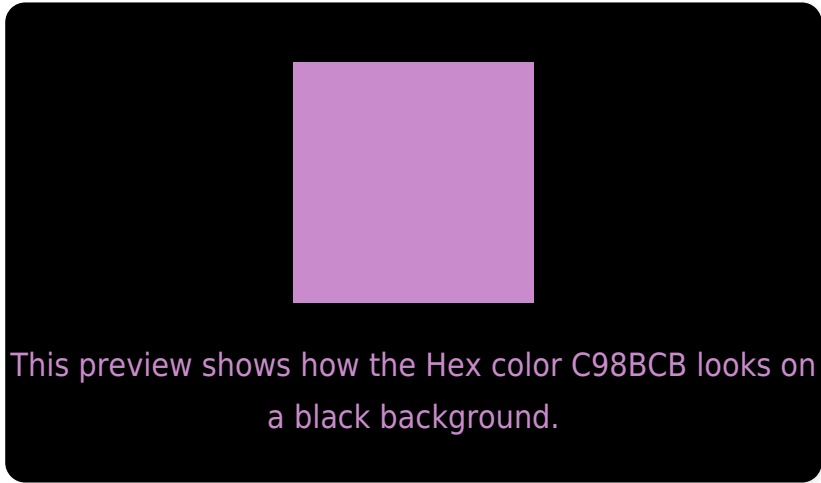
Large Text (above 18pt) WCAG AA × Fail

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 C98BCB Background



This preview shows how black text looks on a background with the Hex color C98BCB.

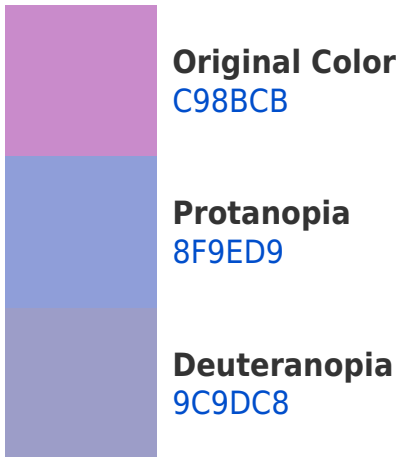


This preview shows how white text looks on a background with the Hex color C98BCB.

# 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**  
C3949F

# Trichromacy



**Original Color**  
C98BCB



**Protanomaly**  
A497D4



**Deuteranomaly**  
AC96C9



**Tritanomaly**  
C591AF

# Monochromacy



**Original Color**  
C98BCB



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
B29CB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C98BCB 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 #C98BCB looks like.

```
.text, #text, p{  
    color:#C98BCB  
}
```

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 #C98BCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98BCB
}
```

## Border

The CSS property to change the border of an element to Hex C98BCB 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
#C98BCB }
```

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

```
.border{ border-color:#C98BCB }
```

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

Here you see how a box with a 4 pixel #C98BCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98BCB; -webkit-box-shadow:4px 4px  
4px 4px #C98BCB; box-shadow:4px 4px 4px  
4px #C98BCB }
```

# Background

The CSS property to change the background color of an element to Hex C98BCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98BCB }
```

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

```
.background{ background-color:#C98BCB }
```

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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