

# Converting Colors

Hex(C98CCB)

Have a look what the booklet for  
Hex(C98CCB) contains.

<b>Hex(C98CCB)</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(C98CCB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C98CCB
RGB	201, 140, 203
RGB Percent	79%, 55%, 80%
CMY	0.2118, 0.4510, 0.2039
CMYK	0.01, 0.31, 0.00, 0.20
HSL	298°, 38%, 67%
HSV	298°, 31%, 80%
XYZ	44.2450, 35.4855, 61.0173
YIQ	165.4210, 16.1330, 32.5250

# Conversions

## Conversions Part 2

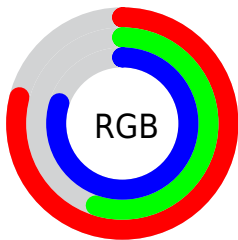
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	201, 140, 203
Decimal	13208779
CIE <sub>Lab</sub>	66.12, 33.52, -23.30
CIE <sub>LCh</sub>	66, 40.819, 325.201
Yxy	35.4855, 0.3144, 0.2521
Android (android.graphics.Color)	4291398859 (0xFFC98CCB)
YUV	165.4210, 18.5264, 31.2028
Hunter-Lab	59.5697, 28.3327, -19.0321

# Details

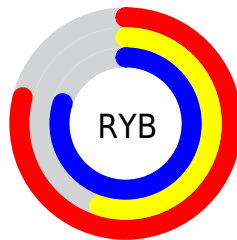
The Hex color **C98CCB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ECB8C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC2FF**, and **925995** is the 20% darker color. If you saturate the color by 10%, you get **C878CB**, and if you desaturate by 10%, it is **CAA0CB**.

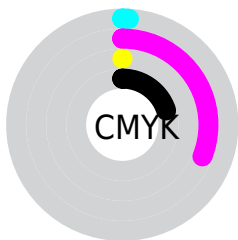
# Distribution



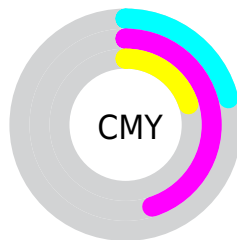
- Red (79%)
- Green (55%)
- Blue (80%)



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



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color C98CCB 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 C98CCB by changing the saturation by 10% instead.



 C98CCB

 C98CCB

FFFFFF

 AD72AF

 FFC2FF

 925995

 FFDFFF

 78407B

 FFFBFF

 5E2862

 45104A

 2D0033

 15001E

 000000

 C98CCB

 C98CCB

 C878CB

 CAA0CB

 C863CB

 CAB5CB

 C74FCB

 CBC9CB

 C63BCB

 CCDDCB

 C627CB

 CCF2CB

 C512CB

 CDFFCB

 C500CB

 CEFFCB

 CFFFCB

# Harmonies

## Analogous

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



9C99E3



C98CCB



E284A8

# Triad

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



C98CCB



BD9D57



00B3BF

# Complementary

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



C98CCB



8ECB8C

# 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.



33B499



C98CCB



99A85D

# Square

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



C98CCB



D99066



6DB076



00AFDC

# Rectangle

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



C98CCB



E7848F



6DB076



00B4B3



# Sweetspot

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



C98CCB



FEE8FF



8C8ECB



7F7180



000000



808080



# Same Dimension

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



C98CCB



FCA1FF



CB8CAE



665C66



A000A6



250026



# Inverse Universe

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



CB8C8E



FFA1A4



8CCBA9



665C5C



A60005

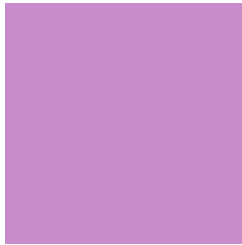


260001



# Previews

## White Background



This preview shows how the Hex color C98CCB looks on a white background.

## Color Contrast Check

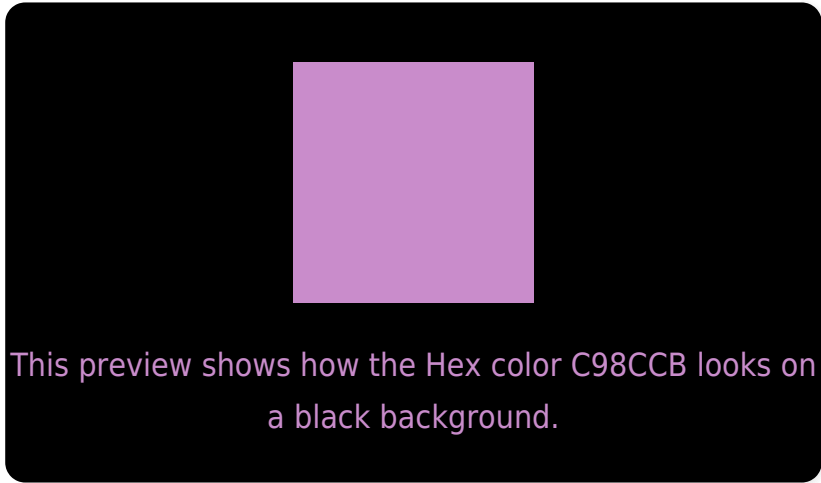
Large Text (above 18pt) WCAG AA × Fail

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

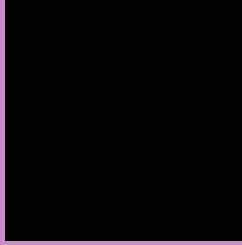
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C98CCB Background



This preview shows how black text looks on a background with the Hex color C98CCB.



This preview shows how white text looks on a background with the Hex color C98CCB.

# 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**  
C394A0

# Trichromacy



**Original Color**  
C98CCB

**Protanomaly**  
A598D4

**Deuteranomaly**  
AD97C9

**Tritanomaly**  
C591B0

# Monochromacy



**Original Color**  
C98CCB

**Achromatopsia**  
A5A5A5

**Achromatomaly**  
B29CB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C98CCB 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 #C98CCB looks like.

```
.text, #text, p{  
    color:#C98CCB  
}
```

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 #C98CCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C98CCB
}
```

## Border

The CSS property to change the border of an element to Hex C98CCB 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
#C98CCB }
```

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

```
.border{ border-color:#C98CCB }
```

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

Here you see how a box with a 4 pixel #C98CCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C98CCB; -webkit-box-shadow:4px 4px  
4px 4px #C98CCB; box-shadow:4px 4px 4px  
4px #C98CCB }
```

# Background

The CSS property to change the background color of an element to Hex C98CCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C98CCB }
```

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

```
.background{ background-color:#C98CCB }
```

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