

# Converting Colors

Hex(C299CC)

Have a look what the booklet for  
Hex(C299CC) contains.

<b>Hex(C299CC)</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(C299CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C299CC
RGB	194, 153, 204
RGB Percent	76%, 60%, 80%
CMY	0.2392, 0.4000, 0.2000
CMYK	0.05, 0.25, 0.00, 0.20
HSL	288°, 33%, 70%
HSV	288°, 25%, 80%
XYZ	44.5385, 38.6114, 62.2321
YIQ	171.0730, 8.0650, 24.5530

# Conversions

## Conversions Part 2

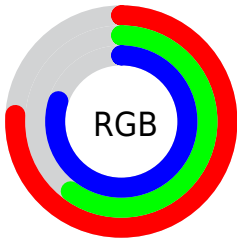
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 153, 204
Decimal	12753356
CIELab	68.47, 24.27, -20.34
CIELCh	68, 31.668, 320.034
Yxy	38.6114, 0.3064, 0.2656
Android (android.graphics.Color)	4290943436 (0xFFC299CC)
YUV	171.0730, 16.2330, 20.1070
Hunter-Lab	62.1381, 19.2010, -15.8830

# Details

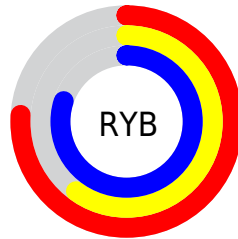
The Hex color **C299CC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3CC99**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FBD0FF**, and **8C6696** is the 20% darker color. If you saturate the color by 10%, you get **BE85CC**, and if you desaturate by 10%, it is **C6ADCC**.

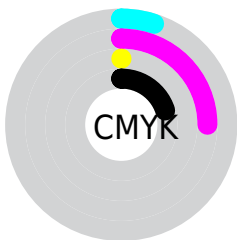
# Distribution



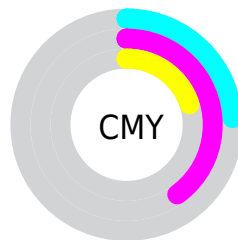
- Red (76%)
- Green (60%)
- Blue (80%)



- Red (76%)
- Yellow (60%)
- Blue (80%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (40%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C299CC 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 C299CC by changing the saturation by 10% instead.



 C299CC

 C299CC

FFFFFF

 A77FB0

 FBD0FF

 8C6696

 FFECFF


 724D7C

 593663

 411F4B

 2A0A34

 15001F

 000001

 000000

 C299CC

 C299CC

 BE85CC

 C6ADCC

 BA70CC

 CAC2CC

 B65CCC

 CED6CC

 B247CC

 D2EBCC

 AE33CC

 D6FFCC

 AA1FCC

 DAFFCC

 A60ACC

 DEFFCC

 A400CC

 E2FFCC

 E6FFCC

# Harmonies

## Analogous

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



9DA3DD



C299CC



D992B2

# Triad

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



C299CC



C3A26F



49B6BA

# Complementary

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



C299CC



A3CC99

# 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.



64B69C



C299CC



A7AB71

# Square

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



C299CC



D8987C



86B281



4DB3D2

# Rectangle

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



C299CC



DF919E



86B281



50B7B0



# Sweetspot

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



C299CC



FBEBFF



99A3CC



7D7380



000000



808080



# Same Dimension

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



C299CC



F0B3FF



CC99BD



645C66



8500A6



1F0026



# Inverse Universe

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



CC99A3



FFB3C1



99CCA8



665C5E



A60020

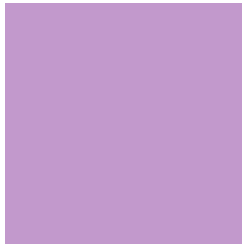


260007



# Previews

## White Background



This preview shows how the Hex color C299CC looks on a white background.

## Color Contrast Check

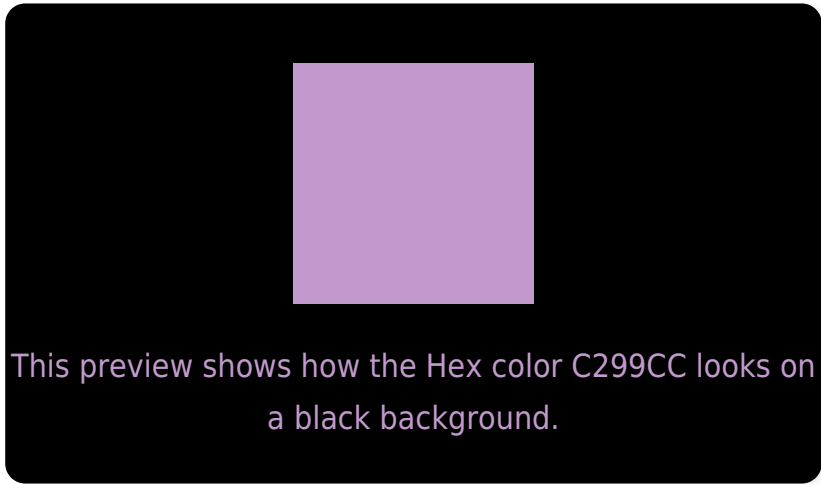
Large Text (above 18pt) WCAG AA × Fail

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 C299CC Background



This preview shows how black text looks on a background with the Hex color C299CC.

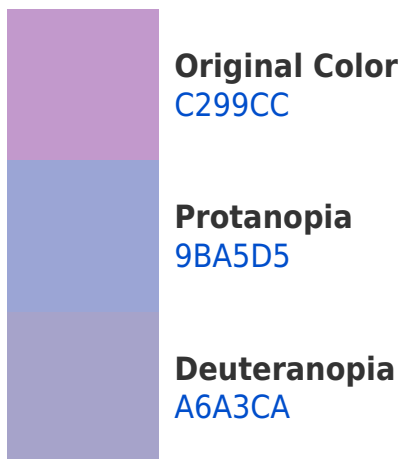


This preview shows how white text looks on a background with the Hex color C299CC.

# 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**  
BD9FAB

# Trichromacy



**Original Color**  
C299CC

**Protanomaly**  
A9A1D2

**Deuteranomaly**  
B09FCB

**Tritanomaly**  
BF9DB7

# Monochromacy



**Original Color**  
C299CC

**Achromatopsia**  
ABABAB

**Achromatomaly**  
B3A4B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C299CC 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 #C299CC looks like.

```
.text, #text, p{  
    color:#C299CC  
}
```

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 #C299CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C299CC
}
```

## Border

The CSS property to change the border of an element to Hex C299CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

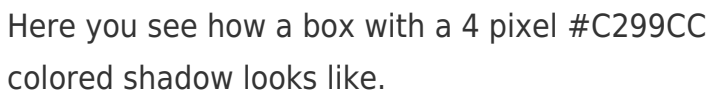
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C299CC }
```

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

```
.border{ border-color:#C299CC }
```

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



Here you see how a box with a 4 pixel `#C299CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C299CC; -webkit-box-shadow:4px 4px  
4px 4px #C299CC; box-shadow:4px 4px 4px  
4px #C299CC }
```

# Background

The CSS property to change the background color of an element to Hex C299CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C299CC }
```

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

```
.background{ background-color:#C299CC }
```

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