

# Converting Colors

Hex(C799C5)

Have a look what the booklet for  
Hex(C799C5) contains.

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# **Color**

**Hex(C799C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C799C5
RGB	199, 153, 197
RGB Percent	78%, 60%, 77%
CMY	0.2196, 0.4000, 0.2275
CMYK	0.00, 0.23, 0.01, 0.22
HSL	303°, 29%, 69%
HSV	303°, 23%, 78%
XYZ	45.0225, 38.9558, 57.9696
YIQ	171.7700, 13.2920, 23.4360

# Conversions

## Conversions Part 2

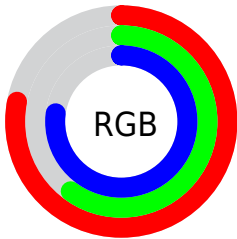
Format	Color
<a href="#">RYB</a>	<a href="#">199, 153, 197</a>
Decimal	<a href="#">13081029</a>
CIELab	<a href="#">68.72, 24.59, -16.03</a>
CIELCh	<a href="#">69, 29.357, 326.904</a>
Yxy	<a href="#">38.9558, 0.3172, 0.2744</a>
Android (android.graphics.Color)	<a href="#">4291271109 (0xFFC799C5)</a>
YUV	<a href="#">171.7700, 12.4384, 23.8807</a>
Hunter-Lab	<a href="#">62.4146, 19.5346, -11.3773</a>

# Details

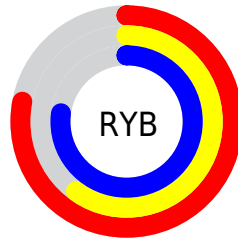
The Hex color **C799C5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99C79B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFD0FE**, and **91658F** is the 20% darker color. If you saturate the color by 10%, you get **C785C4**, and if you desaturate by 10%, it is **C7ADC6**.

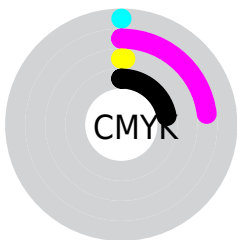
# Distribution



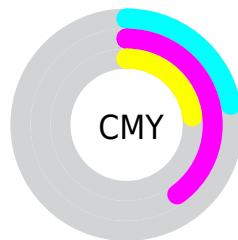
- Red (78%)
- Green (60%)
- Blue (77%)



- Red (78%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C799C5 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 C799C5 by changing the saturation by 10% instead.



 C799C5

 C799C5

FFFFFF

 AB7FAA

 FFD0FE

 91658F

 FFECFF

 764D75

 5D365D

 451F45

 2E092F

 1A001A

 000000

 C799C5

 C799C5

 C785C4

 C7ADC6

 C771C3

 C7C1C7

 C75DC2

 C7D5C8

 C749C2

 C7E9C8

 C736C1

 C7FDC9

 C722C0

 C7FFCA

 C70EBF

 C7FFCB

 C700BE

 C7FFCC

 C7FFCD

# Harmonies

## Analogous

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



A8A2D7



C799C5



D994AB

# Triad

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



C799C5



BDA573



53B6BF

# Complementary

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



C799C5



99C79B

# 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.



65B6A4



C799C5



A1AD78

# Square

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



C799C5



D29C7C



83B38A



5EB2D3

# Rectangle

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



C799C5



DD9499



83B38A



56B6B6



# Sweetspot

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



C799C5



FFEDFE



9B99C7



80757F



000000



808080



# Same Dimension

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



C799C5



FFB8FC



C799AE



635A63



A3009C



240022



# Inverse Universe

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



C799C5



FFB8FC



99C7B2



635A63



A3009C

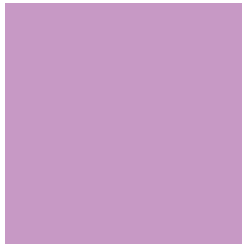


240022



# Previews

## White Background



This preview shows how the Hex color C799C5 looks on a white background.

## Color Contrast Check

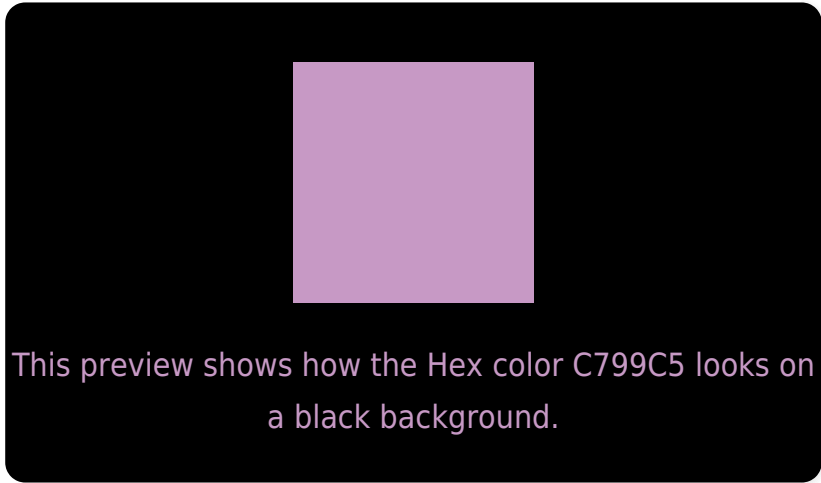
Large Text (above 18pt) WCAG AA × Fail

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 C799C5 Background



This preview shows how black text looks on a background with the Hex color C799C5.



This preview shows how white text looks on a background with the Hex color C799C5.

# 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



**Original Color**  
C799C5

**Protanopia**  
9FA6CE

**Deuteranopia**  
ABA4C3



**Tritanopia**  
C39EAA

# Trichromacy



**Original Color**  
C799C5

**Protanomaly**  
AEA1CB

**Deuteranomaly**  
B5A0C4

**Tritanomaly**  
C49CB4

# Monochromacy



**Original Color**  
C799C5

**Achromatopsia**  
ACACAC

**Achromatomaly**  
B6A5B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C799C5 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 #C799C5 looks like.

```
.text, #text, p{  
    color:#C799C5  
}
```

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 #C799C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C799C5
}
```

## Border

The CSS property to change the border of an element to Hex C799C5 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
#C799C5 }
```

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

```
.border{ border-color:#C799C5 }
```

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

Here you see how a box with a 4 pixel #C799C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C799C5; -webkit-box-shadow:4px 4px  
4px 4px #C799C5; box-shadow:4px 4px 4px  
4px #C799C5 }
```

# Background

The CSS property to change the background color of an element to Hex C799C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C799C5 }
```

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

```
.background{ background-color:#C799C5 }
```

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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