

# Converting Colors

Hex(C799B5)

Have a look what the booklet for  
Hex(C799B5) contains.

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# **Color**

**Hex(C799B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C799B5
RGB	199, 153, 181
RGB Percent	78%, 60%, 71%
CMY	0.2196, 0.4000, 0.2902
CMYK	0.00, 0.23, 0.09, 0.22
HSL	323°, 29%, 69%
HSV	323°, 23%, 78%
XYZ	43.2849, 38.2608, 48.8198
YIQ	169.9460, 18.4280, 18.4600

# Conversions

## Conversions Part 2

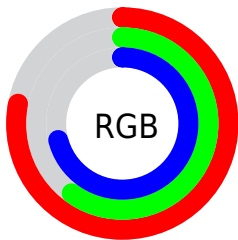
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 153, 181
Decimal	13081013
CIELab	68.21, 21.70, -7.88
CIELCh	68, 23.086, 340.035
Yxy	38.2608, 0.3320, 0.2935
Android (android.graphics.Color)	4291271093 (0xFFC799B5)
YUV	169.9460, 5.4496, 25.4804
Hunter-Lab	61.8553, 16.6634, -3.4964

# Details

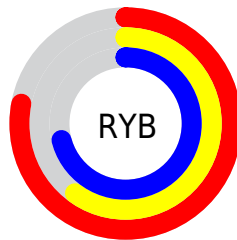
The Hex color **C799B5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **99C7AB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD0ED**, and **916680** is the 20% darker color. If you saturate the color by 10%, you get **C785AD**, and if you desaturate by 10%, it is **C7ADBD**.

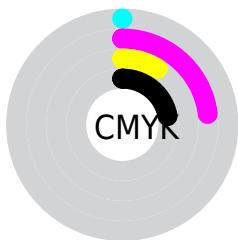
# Distribution



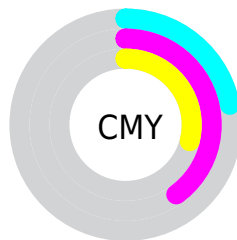
- Red (78%)
- Green (60%)
- Blue (71%)



- Red (78%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C799B5 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 C799B5 by changing the saturation by 10% instead.



 C799B5

 C799B5

FFFFFF

 AB7F9A

 FFD0ED

 916680

 FFECFF

 764D67

 5D364F

 452038

 2E0A23

 18000C

 000000

 C799B5

 C799B5

 C785AD

 C7ADBD

 C771A5

 C7C1C5

 C75D9E

 C7D5CC

 C74996

 C7E9D4

 C7368E

 C7FDDC

 C72286

 C7FFE4

 C70E7E

 C7FFEC

 C70079

 C7FFF3

 C7FFFB

# Harmonies

## Analogous

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



B29FC6



C799B5



D197A0

# Triad

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



C799B5



AFA77D



6BB1C0

# Complementary

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



C799B5



99C7AB

# 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.



6EB2AD



C799B5



97AD86

# Square

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



C799B5



C2A080



80B197



7BACCD

# Rectangle

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



C799B5



D09992



80B197



6AB1BA



# Sweetspot

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



C799B5



FFEDF8



AB99C7



80757C



000000



808080



# Same Dimension

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



C799B5



FFB8E3



C7999E



635A60



A30063



240016



# Inverse Universe

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



C799B5



FFB8E3



99C7C2



635A60



A30063

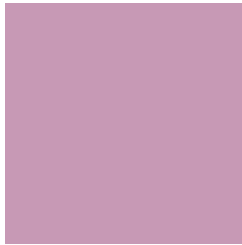


240016



# Previews

## White Background



This preview shows how the Hex color C799B5 looks on a white background.

## Color Contrast Check

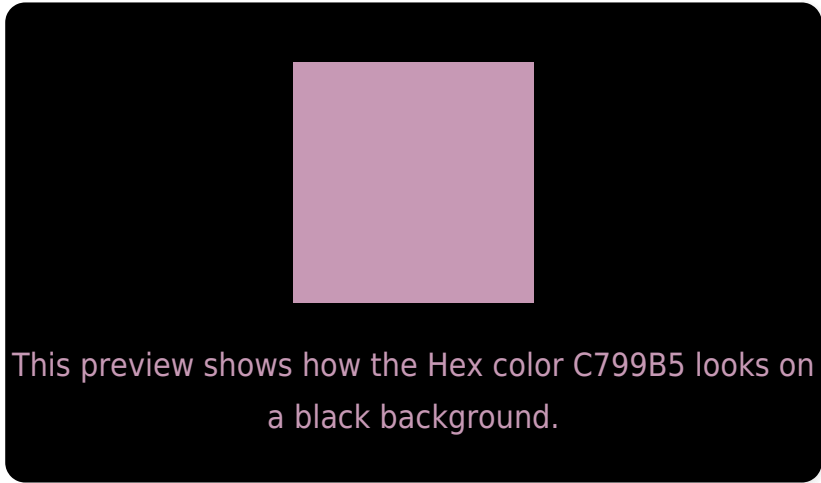
Large Text (above 18pt) WCAG AA × Fail

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 C799B5 Background



This preview shows how black text looks on a background with the Hex color C799B5.

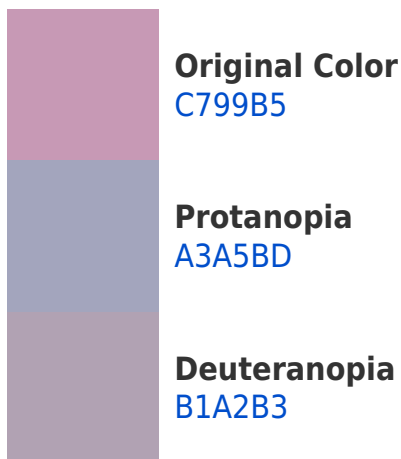


This preview shows how white text looks on a background with the Hex color C799B5.

# 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**  
C59BA7

# Trichromacy



**Original Color**  
C799B5

**Protanomaly**  
B0A1BA

**Deuteranomaly**  
B99FB4

**Tritanomaly**  
C69AAC

# Monochromacy



**Original Color**  
C799B5

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
B5A4AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C799B5 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 #C799B5 looks like.

```
.text, #text, p{  
    color:#C799B5  
}
```

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 #C799B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C799B5
}
```

## Border

The CSS property to change the border of an element to Hex C799B5 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
#C799B5 }
```

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

```
.border{ border-color:#C799B5 }
```

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

Here you see how a box with a 4 pixel #C799B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C799B5; -webkit-box-shadow:4px 4px  
4px 4px #C799B5; box-shadow:4px 4px 4px  
4px #C799B5 }
```

# Background

The CSS property to change the background color of an element to Hex C799B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C799B5 }
```

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

```
.background{ background-color:#C799B5 }
```

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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