

# Converting Colors

Hex(C796C0)

Have a look what the booklet for  
Hex(C796C0) contains.

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# **Color**

**Hex(C796C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C796C0
RGB	199, 150, 192
RGB Percent	78%, 59%, 75%
CMY	0.2196, 0.4118, 0.2471
CMYK	0.00, 0.25, 0.04, 0.22
HSL	309°, 30%, 68%
HSV	309°, 25%, 78%
XYZ	43.9740, 37.7606, 54.8400
YIQ	169.4390, 15.7220, 23.4500

# Conversions

## Conversions Part 2

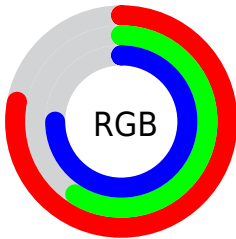
Format	Color
<a href="#">RYB</a>	<a href="#">199, 150, 192</a>
Decimal	<a href="#">13080256</a>
CIELab	<a href="#">67.84, 25.32, -14.57</a>
CIELCh	<a href="#">68, 29.210, 330.083</a>
Yxy	<a href="#">37.7606, 0.3220, 0.2765</a>
Android (android.graphics.Color)	<a href="#">4291270336 (0xFFC796C0)</a>
YUV	<a href="#">169.4390, 11.1226, 25.9250</a>
Hunter-Lab	<a href="#">61.4496, 20.1995, -9.8979</a>

# Details

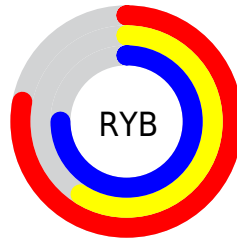
The Hex color **C796C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **96C79D**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFCDF8**, and **90638A** is the 20% darker color. If you saturate the color by 10%, you get **C782BD**, and if you desaturate by 10%, it is **C7AAC3**.

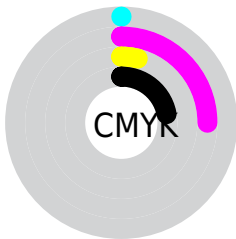
# Distribution



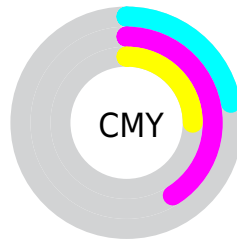
- Red (78%)
- Green (59%)
- Blue (75%)



- Red (78%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C796C0 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 C796C0 by changing the saturation by 10% instead.



 C796C0

 C796C0

FFFFFF

 AB7CA5

 FFCDF8

 90638A

 FFE9FF

 764A71

 5D3358

 451C41

 2D062B

 180016

 000000

 C796C0

 C796C0

 C782BD

 C7AAC3

 C76EBA

 C7BEC6

 C75AB7

 C7D2C9

 C746B5

 C7E6CB

 C733B2

 C7FACE

 C71FAF

 C7FFD1

 C70BAC

 C7FFD4

 C700AB

 C7FFD7

 C7FFDA

# Harmonies

## Analogous

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



A99ED3



C796C0



D892A6

# Triad

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



C796C0



B8A471



51B3BF

# Complementary

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



C796C0



96C79D

# 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.



60B4A4



C796C0



9CAC77

# Square

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



C796C0



CE9B78



7DB18A



5FAFD2

# Rectangle

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



C796C0



DA9294



7DB18A



53B4B6



# Sweetspot

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



C796C0



FFEDFC



9D96C7



80757E



000000



808080



# Same Dimension

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



C796C0



FFB3F4



C796A8



635A62



A3008C



24001F



# Inverse Universe

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



C796C0



FFB3F4



96C7B5



635A62



A3008C

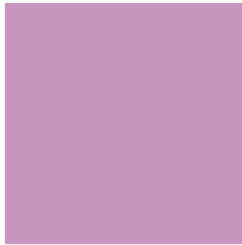


24001F



# Previews

## White Background



This preview shows how the Hex color C796C0 looks on a white background.

## Color Contrast Check

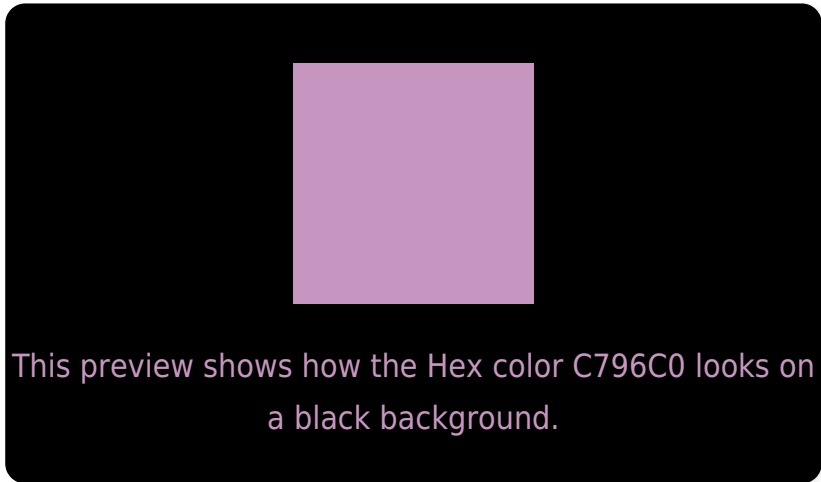
Large Text (above 18pt) WCAG AA × Fail

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 C796C0 Background



This preview shows how black text looks on a background with the Hex color C796C0.

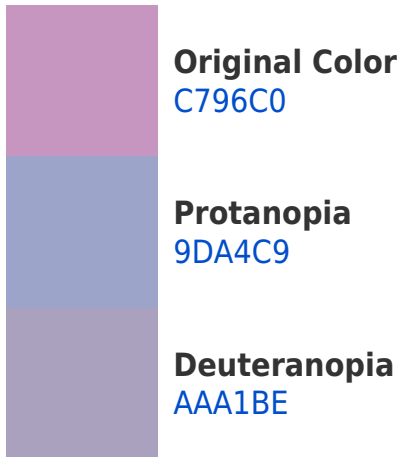


This preview shows how white text looks on a background with the Hex color C796C0.

# 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](#).

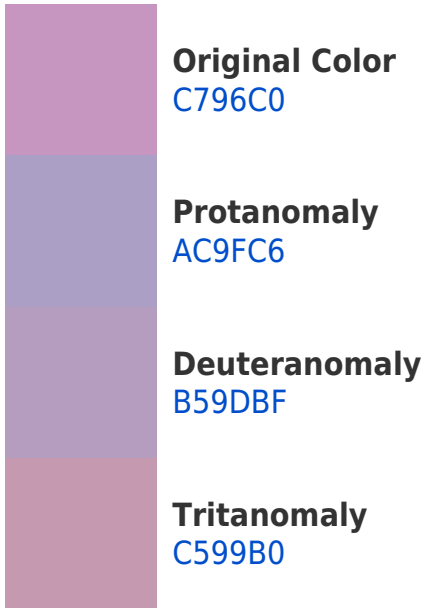
## Dichromacy



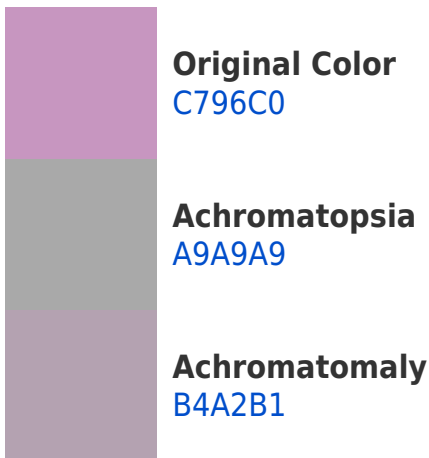


**Tritanopia**  
C49BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C796C0 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 #C796C0 looks like.

```
.text, #text, p{  
    color:#C796C0  
}
```

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 #C796C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C796C0
}
```

## Border

The CSS property to change the border of an element to Hex C796C0 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
#C796C0 }
```

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

```
.border{ border-color:#C796C0 }
```

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

Here you see how a box with a 4 pixel #C796C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C796C0; -webkit-box-shadow:4px 4px  
4px 4px #C796C0; box-shadow:4px 4px 4px  
4px #C796C0 }
```

# Background

The CSS property to change the background color of an element to Hex C796C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C796C0 }
```

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

```
.background{ background-color:#C796C0 }
```

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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