

# Converting Colors

Hex(C677C6)

Have a look what the booklet for  
Hex(C677C6) contains.

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# Color

**Hex(C677C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C677C6
RGB	198, 119, 198
RGB Percent	78%, 47%, 78%
CMY	0.2235, 0.5333, 0.2235
CMYK	0.00, 0.40, 0.00, 0.22
HSL	300°, 41%, 62%
HSV	300°, 40%, 78%
XYZ	40.0786, 29.2766, 56.9647
YIQ	151.6270, 21.7250, 41.3170

# Conversions

## Conversions Part 2

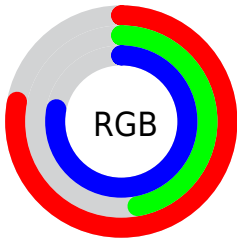
Format	Color
<a href="#">RYB</a>	<a href="#">198, 119, 198</a>
Decimal	<a href="#">13006790</a>
CIELab	<a href="#">61.03, 42.94, -28.35</a>
CIELCh	<a href="#">61, 51.453, 326.560</a>
Yxy	<a href="#">29.2766, 0.3173, 0.2318</a>
Android (android.graphics.Color)	<a href="#">4291196870 (0xFFC677C6)</a>
YUV	<a href="#">151.6270, 22.8619, 40.6691</a>
Hunter-Lab	<a href="#">54.1079, 37.5290, -24.5449</a>

# Details

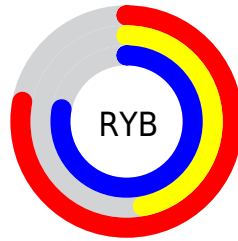
The Hex color **C677C6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77C677**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFADFF**, and **8E4490** is the 20% darker color. If you saturate the color by 10%, you get **C663C6**, and if you desaturate by 10%, it is **C68BC6**.

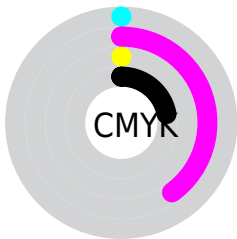
# Distribution



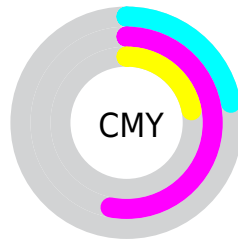
- Red (78%)
- Green (47%)
- Blue (78%)



- Red (78%)
- Yellow (47%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (53%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C677C6 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 C677C6 by changing the saturation by 10% instead.



 C677C6

 C677C6

FFFFFF

 AA5DAB

 FFADFF

 8E4490

 FFC9FF

 742A76

 FFE5FF

 5A0E5D

 400045

 2B002F

 000019

 000000

 C677C6

 C677C6

 C663C6

 C68BC6

 C64FC6

 C69FC6

 C63CC6

 C6B2C6

 C628C6

 C6C6C6

 C614C6

 C6DAC6

 C600C6

 C6EEC6

 C6FFC6

# Harmonies

## Analogous

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



8D89E5



C677C6



E36B9A

# Triad

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



C677C6



B18F34



00A9BB

# Complementary

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



C677C6



77C677

# 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.



00A98C



C677C6



849D3D

# Square

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



C677C6



D37E48



4AA55F



00A4DE

# Rectangle

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



C677C6



E86C7C



4AA55F



00AAAC



# Sweetspot

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



C677C6



FFE0FF



7777C6



806E80



000000



808080



# Same Dimension

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



C677C6



FF85FF



C6779F



635A63



A300A3



240024



# Inverse Universe

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



C677C6



FF85FF



77C69F



635A63



A300A3

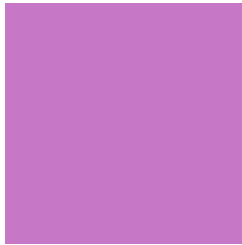


240024



# Previews

## White Background



This preview shows how the Hex color C677C6 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

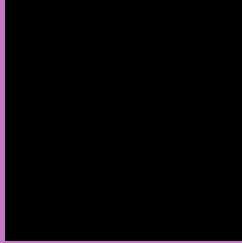
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C677C6 Background



This preview shows how black text looks on a background with the Hex color C677C6.

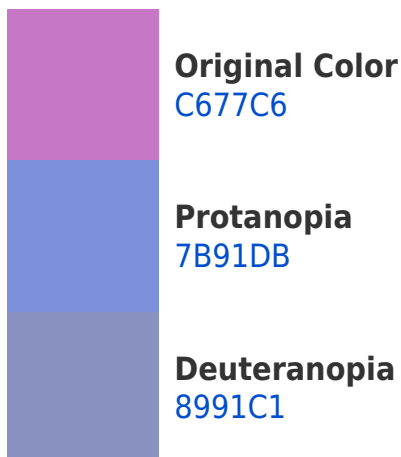



This preview shows how white text looks on a background with the Hex color C677C6.

# 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](#).

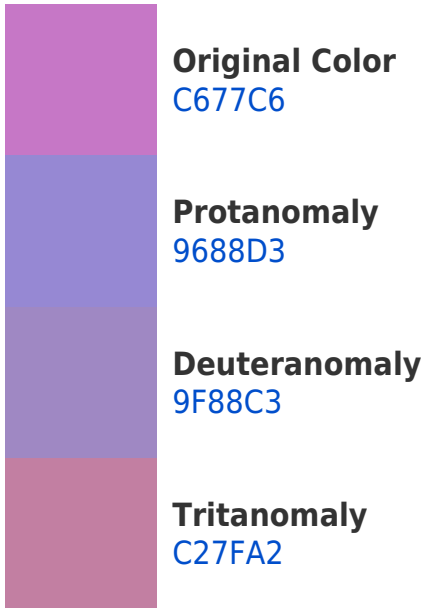
## Dichromacy



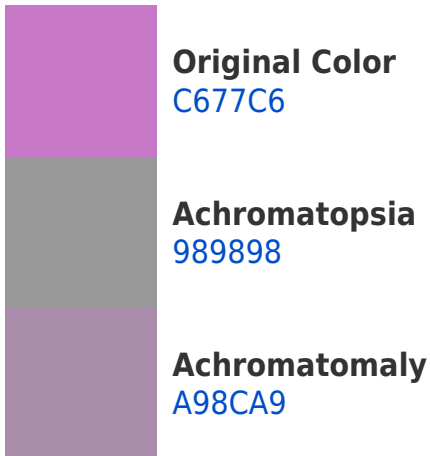


**Tritanopia**  
BF838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C677C6 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 #C677C6 looks like.

```
.text, #text, p{  
    color:#C677C6  
}
```

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 #C677C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C677C6
}
```

## Border

The CSS property to change the border of an element to Hex C677C6 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
#C677C6 }
```

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

```
.border{ border-color:#C677C6 }
```

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

Here you see how a box with a 4 pixel #C677C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C677C6; -webkit-box-shadow:4px 4px  
4px 4px #C677C6; box-shadow:4px 4px 4px  
4px #C677C6 }
```

# Background

The CSS property to change the background color of an element to Hex C677C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C677C6 }
```

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

```
.background{ background-color:#C677C6 }
```

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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