

# Converting Colors

Hex(C0678B)

Have a look what the booklet for  
Hex(C0678B) contains.

|  |    |
|--|----|
| <b>Hex(C0678B)</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(C0678B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C0678B                     |
| RGB           | 192, 103, 139              |
| RGB Percent   | 75%, 40%, 55%              |
| CMY           | 0.2471, 0.5961, 0.4549     |
| CMYK          | 0.00, 0.46, 0.28, 0.25     |
| HSL           | 336°, 41%, 58%             |
| HSV           | 336°, 46%, 75%             |
| XYZ           | 31.2487, 22.7710, 27.1744  |
| YIQ           | 133.7150, 41.4880, 30.0640 |

# Conversions

## Conversions Part 2

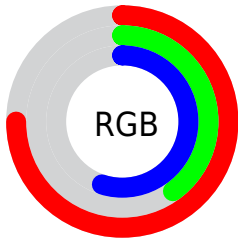
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 192, 103, 139                |
| Decimal                             | 12609419                     |
| CIE <sub>Lab</sub>                  | 54.84, 39.77, -3.79          |
| CIE <sub>LCh</sub>                  | 55, 39.945, 354.556          |
| Yxy                                 | 22.7710, 0.3849,<br>0.2805   |
| Android<br>(android.graphics.Color) | 4290799499<br>(0xFFC0678B)   |
| YUV                                 | 133.7150, 2.6055,<br>51.1159 |
| Hunter-Lab                          | 47.7190, 33.3820,<br>-0.3603 |

# Details

The Hex color **C0678B** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67C09C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FA9CC0**, and **883459** is the 20% darker color. If you saturate the color by 10%, you get **C05480**, and if you desaturate by 10%, it is **C07A96**.

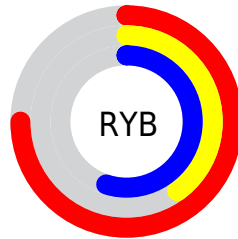
# Distribution



Red (75%)

Green (40%)

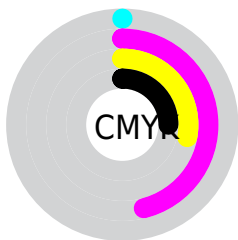
Blue (55%)



Red (75%)

Yellow (40%)

Blue (55%)

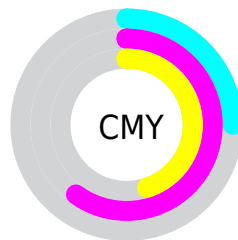


Cyan (0%)

Magenta (46%)

Yellow (28%)

Black (25%)



Cyan (25%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0678B 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 C0678B by changing the saturation by 10% instead.



 C0678B

 C0678B

FFFFFF

 A44D72

 FA9CC0

 883459

 FFB8DC

 6D1A42

 FFD4F9

 53002C

 FFF1FF

 390017

 1F0001

 000000

 C0678B

 C0678B

 C05480

 C07A96

 C04174

 C08DA2

 C02D69

 C0A1AD

 C01A5D

 C0B4B9

 C00752

 C0C7C4

 C0004E

 C0DAD0

 C0EDDB

 C0FFE6

 C0FFF2

# Harmonies

## Analogous

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



A86FAC



C0678B



C46968

# Triad

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



C0678B



7C8A42



0091BB

# Complementary

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



C0678B



67C09C

# 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.



00959F



C0678B



52915A

# Square

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



C0678B



9E7F3D



00957C



3789C8

# Rectangle

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



C0678B



BD6F54



00957C



0093B3



# Sweetspot

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



C0678B



FAD7E5



9B67C0



7D6870



FCFCFC



7D7D7D



# Same Dimension

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



C0678B



FA6EA7



C06E67



61575B



A10041



21000D



# Inverse Universe

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



C0678B



FA6EA7



67B9C0



61575B



A10041



21000D



# Previews

## White Background



This preview shows how the Hex color C0678B looks on a white background.

## Color Contrast Check

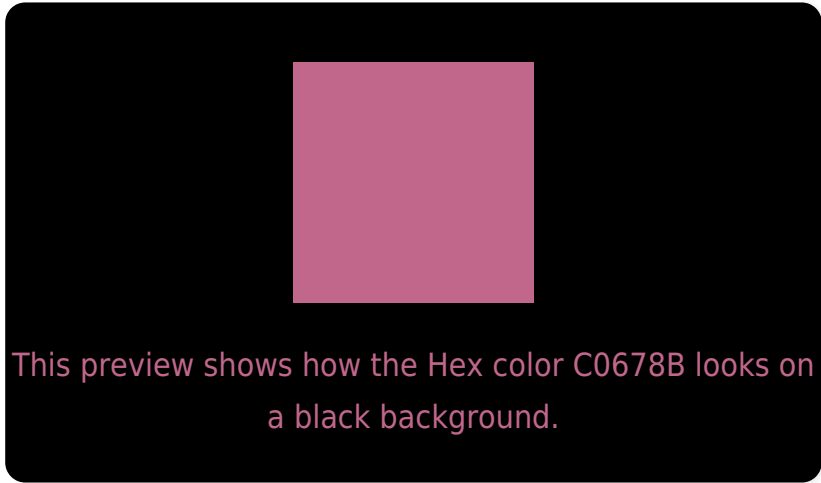
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0678B Background



This preview shows how black text looks on a background with the Hex color C0678B.



This preview shows how white text looks on a background with the Hex color C0678B.

# 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](#).

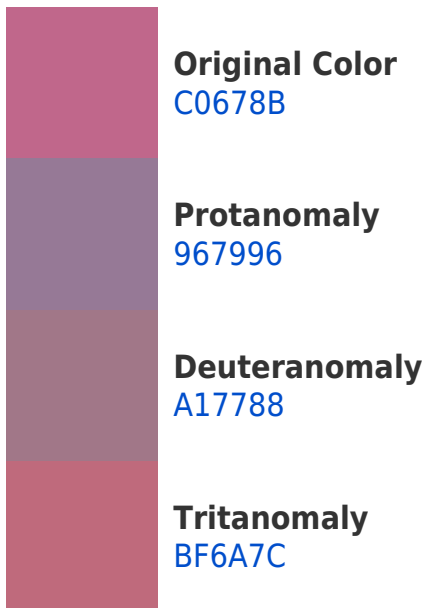
## Dichromacy



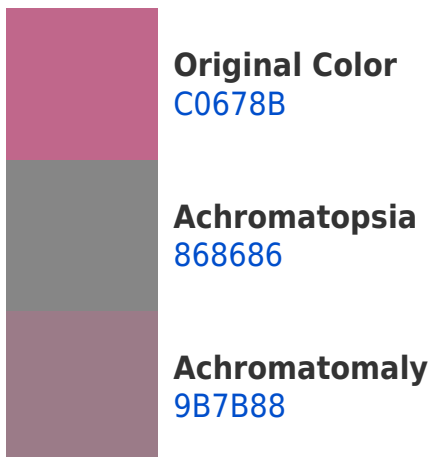


**Tritanopia**  
BE6B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0678B 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 #C0678B looks like.

```
.text, #text, p{  
    color:#C0678B  
}
```

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 #C0678B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0678B
}
```

## Border

The CSS property to change the border of an element to Hex C0678B 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
#C0678B }
```

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

```
.border{ border-color:#C0678B }
```

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

Here you see how a box with a 4 pixel #C0678B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0678B; -webkit-box-shadow:4px 4px  
4px 4px #C0678B; box-shadow:4px 4px 4px  
4px #C0678B }
```

# Background

The CSS property to change the background color of an element to Hex C0678B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0678B }
```

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

```
.background{ background-color:#C0678B }
```

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