

# Converting Colors

Hex(C647A4)

Have a look what the booklet for  
Hex(C647A4) contains.

|  |    |
|--|----|
| <b>Hex(C647A4)</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(C647A4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C647A4                     |
| RGB           | 198, 71, 164               |
| RGB Percent   | 78%, 28%, 64%              |
| CMY           | 0.2235, 0.7216, 0.3569     |
| CMYK          | 0.00, 0.64, 0.17, 0.22     |
| HSL           | 316°, 53%, 53%             |
| HSV           | 316°, 64%, 78%             |
| XYZ           | 32.2428, 19.1926, 37.1271  |
| YIQ           | 119.5750, 45.8390, 55.8470 |

# Conversions

## Conversions Part 2

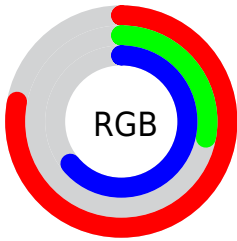
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 198, 71, 164                  |
| Decimal                             | 12994468                      |
| CIE <sub>Lab</sub>                  | 50.91, 60.30, -24.36          |
| CIE <sub>LCh</sub>                  | 51, 65.035, 338.003           |
| Yxy                                 | 19.1926, 0.3641,<br>0.2167    |
| Android<br>(android.graphics.Color) | 4291184548<br>(0xFFC647A4)    |
| YUV                                 | 119.5750, 21.9015,<br>68.7787 |
| Hunter-Lab                          | 43.8093, 54.7060,<br>-19.5800 |

# Details

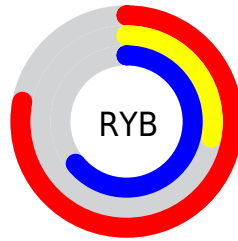
The Hex color **C647A4** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **47C669**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7FDB**, and **8D0070** is the 20% darker color. If you saturate the color by 10%, you get **C6339F**, and if you desaturate by 10%, it is **C65BA9**.

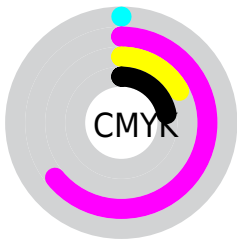
# Distribution



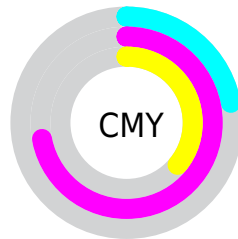
- Red (78%)
- Green (28%)
- Blue (64%)



- Red (78%)
- Yellow (28%)
- Blue (64%)



- Cyan (0%)
- Magenta (64%)
- Yellow (17%)
- Black (22%)



- Cyan (22%)
- Magenta (72%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C647A4 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 C647A4 by changing the saturation by 10% instead.



 C647A4

 C647A4

FFFFFF

 A9288A

 FF7FDB

 8D0070

 FF9BF8

 710057

 FFB8FF

 550040

 FFD5FF

 3D002A

 FFF2FF

 1F0013

 000000

 C647A4

 C647A4

 C6339F

 C65BA9

 C61F99

 C66FAF

 C60C94

 C682B4

 C60091

 C696B9

 C6AABF

 C6BEC4

 C6D2C9

 C6E5CE

 C6F9D4

# Harmonies

## Analogous

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



8C63D2



C647A4



DB3B6D

# Triad

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



C647A4



857C00



0091BD

# Complementary

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



C647A4



47C669

# 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.



009287



C647A4



488910

# Square

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



C647A4



B26700



00904D



008AE0

# Rectangle

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



C647A4



D74549



00904D



0092AC



# Sweetspot

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



C647A4



FFCFF2



6947C6



806278



000000



808080



# Same Dimension

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



C647A4



FF3BCA



C64765



635A61



A30078



24001A



# Inverse Universe

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



C647A4



FF3BCA



47C6A8



635A61



A30078



24001A



# Previews

## White Background



This preview shows how the Hex color C647A4 looks on a white background.

## Color Contrast Check

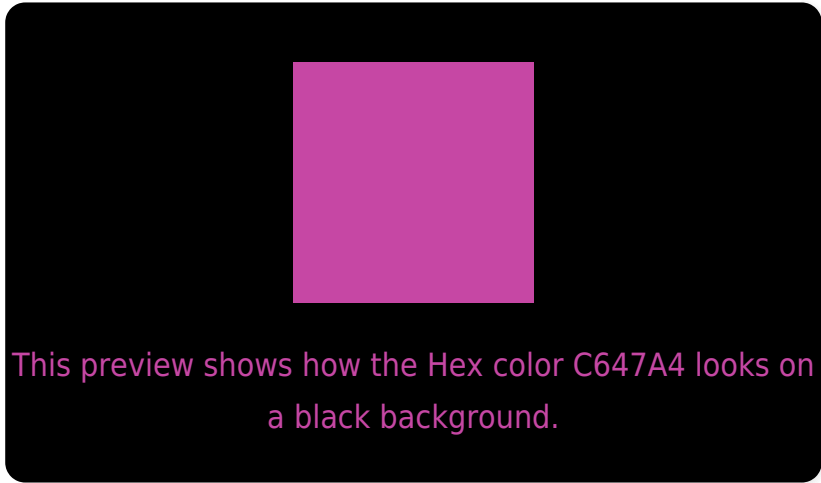
Large Text (above 18pt) WCAG AA ✓ Pass

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

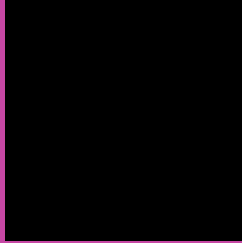
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C647A4 Background



This preview shows how black text looks on a background with the Hex color C647A4.

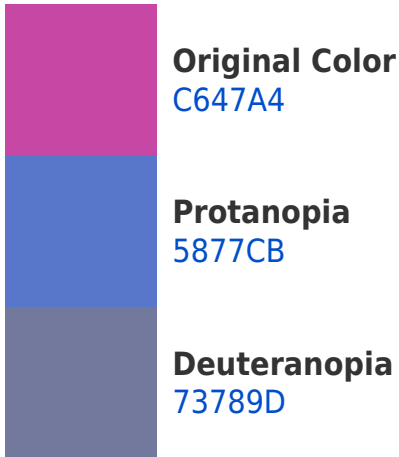



This preview shows how white text looks on a background with the Hex color C647A4.

# 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](#).

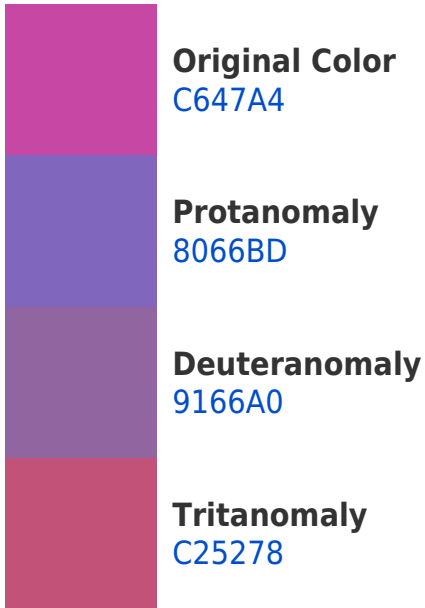
## Dichromacy



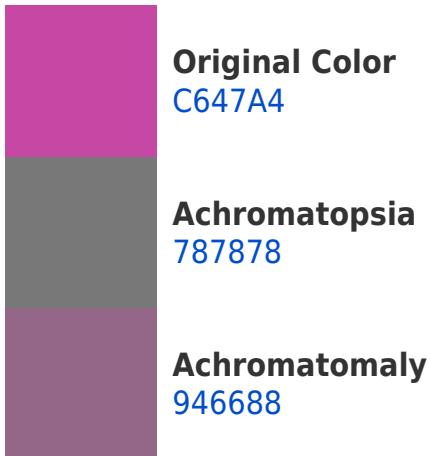


**Tritanopia**  
BF595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C647A4 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 #C647A4 looks like.

```
.text, #text, p{  
    color:#C647A4  
}
```

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 #C647A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C647A4
}
```

## Border

The CSS property to change the border of an element to Hex C647A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

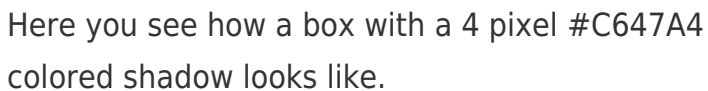
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C647A4 }
```

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

```
.border{ border-color:#C647A4 }
```

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



Here you see how a box with a 4 pixel `#C647A4` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C647A4; -webkit-box-shadow:4px 4px  
4px 4px #C647A4; box-shadow:4px 4px 4px  
4px #C647A4 }
```

# Background

The CSS property to change the background color of an element to Hex C647A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C647A4 }
```

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

```
.background{ background-color:#C647A4 }
```

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