

Converting Colors

Hex(C647B7)

Have a look what the booklet for
Hex(C647B7) contains.

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Color

Hex(C647B7)

Conversions

Conversions Part 1

Format	Color
Hex	C647B7
RGB	198, 71, 183
RGB Percent	78%, 28%, 72%
CMY	0.2235, 0.7216, 0.2824
CMYK	0.00, 0.64, 0.08, 0.22
HSL	307°, 53%, 53%
HSV	307°, 64%, 78%
XYZ	34.0892, 19.9311, 46.8501
YIQ	121.7410, 39.7400, 61.7560

Conversions

Conversions Part 2

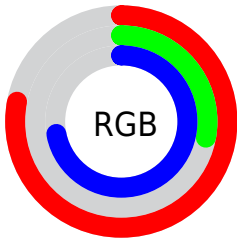
Format	Color
RYB	198, 71, 183
Decimal	12994487
CIELab	51.76, 63.18, -34.16
CIELCh	52, 71.825, 331.599
Yxy	19.9311, 0.3380, 0.1976
Android (android.graphics.Color)	4291184567 (0xFFC647B7)
YUV	121.7410, 30.2007, 66.8791
Hunter-Lab	44.6443, 58.1702, -30.9685

Details

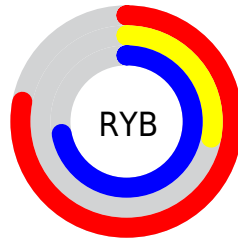
The Hex color **C647B7** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **47C656**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF80EF**, and **8D0082** is the 20% darker color. If you saturate the color by 10%, you get **C633B5**, and if you desaturate by 10%, it is **C65BB9**.

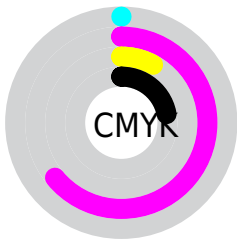
Distribution



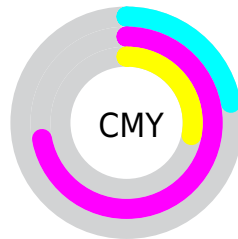
- Red (78%)
- Green (28%)
- Blue (72%)



- Red (78%)
- Yellow (28%)
- Blue (72%)



- Cyan (0%)
- Magenta (64%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (72%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color C647B7 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 C647B7 by changing the saturation by 10% instead.

 C647B7

 C647B7

FFFFFF

 A9289C

 FF80EF

 8D0082

 FF9CFF

 710068

 FFB8FF

 56004F

 FFD5FF

 3C0038

 FFF3FF

 200022

 000007

 000000

 C647B7

 C647B7

 C633B5

 C65BB9

 C61FB2

 C66FBC

 C60CB0

 C682BE

 C600AF

 C696C0

 C6AAC3

 C6BEC5

 C6D2C7

 C6E5CA

 C6F9CC

Harmonies

Analogous

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



7A69E5



C647B7



E42E7B

Triad

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



C647B7



927A00



0096BB

Complementary

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



C647B7



47C656

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.



00967D



C647B7



548A00

Square

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



C647B7



C26100



00923C



0090E8

Rectangle

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



C647B7



E53752



00923C



0096A7

Sweetspot

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



C647B7



FFCFF9



5647C6



80627C



000000



808080

Same Dimension

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



C647B7



FF3BE8



C64778



635A62



A30090



24001F

Inverse Universe

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



C647B7



FF3BE8



47C695



635A62



A30090



24001F

Previews

White Background



This preview shows how the Hex color C647B7 looks on a white background.

Color Contrast Check

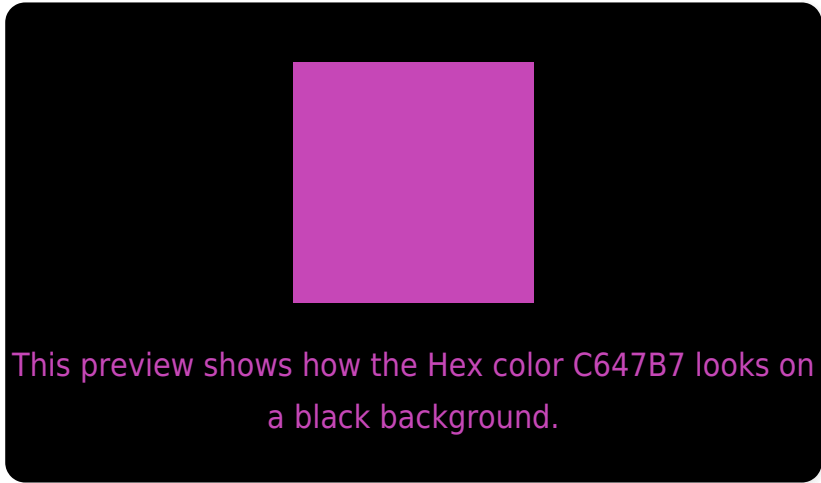
Large Text (above 18pt) WCAG AA ✓ Pass

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

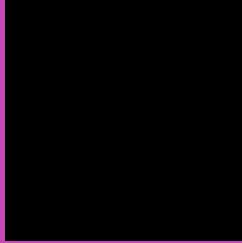
Any Text WCAG AA ✓ Pass

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 C647B7 Background



This preview shows how black text looks on a background with the Hex color C647B7.

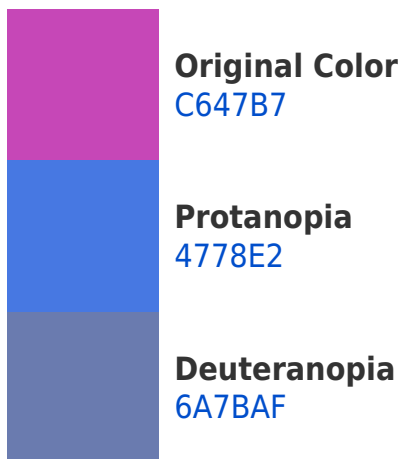



This preview shows how white text looks on a background with the Hex color C647B7.

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](#).

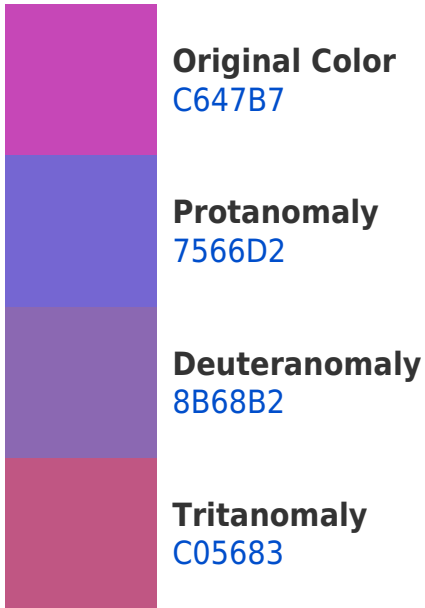
Dichromacy



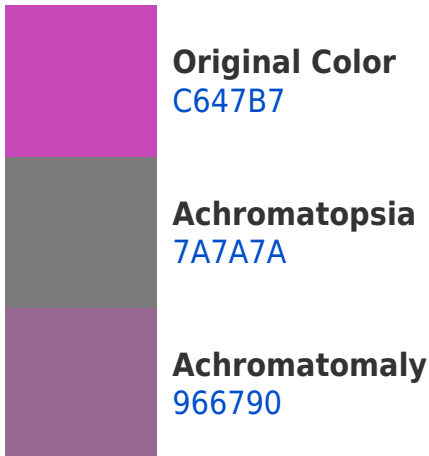


Tritanopia
BD5E65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C647B7 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 #C647B7 looks like.

```
.text, #text, p{  
    color:#C647B7  
}
```

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 #C647B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C647B7
}
```

Border

The CSS property to change the border of an element to Hex C647B7 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
#C647B7 }
```

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

```
.border{ border-color:#C647B7 }
```

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

Here you see how a box with a 4 pixel #C647B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C647B7; -webkit-box-shadow:4px 4px  
4px 4px #C647B7; box-shadow:4px 4px 4px  
4px #C647B7 }
```

Background

The CSS property to change the background color of an element to Hex C647B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C647B7 }
```

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

```
.background{ background-color:#C647B7 }
```

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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