

Converting Colors

Hex(C670B0)

Have a look what the booklet for
Hex(C670B0) contains.

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Color

Hex(C670B0)

Conversions

Conversions Part 1

Format	Color
Hex	C670B0
RGB	198, 112, 176
RGB Percent	78%, 44%, 69%
CMY	0.2235, 0.5608, 0.3098
CMYK	0.00, 0.43, 0.11, 0.22
HSL	315°, 43%, 61%
HSV	315°, 43%, 78%
XYZ	36.9193, 26.7287, 44.2876
YIQ	145.0100, 30.7120, 38.1360

Conversions

Conversions Part 2

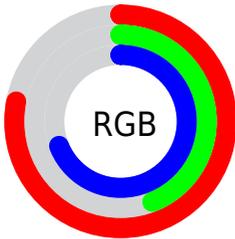
Format	Color
R _Y B	198, 112, 176
Decimal	13004976
CIE Lab	58.72, 42.74, -19.35
CIE LCh	59, 46.916, 335.637
Yxy	26.7287, 0.3420, 0.2476
Android (android.graphics.Color)	4291195056 (0xFFC670B0)
YUV	145.0100, 15.2781, 46.4722
Hunter-Lab	51.6998, 36.9940, -14.5997

Details

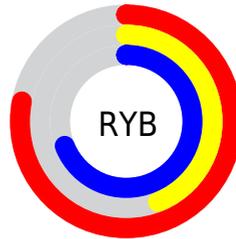
The Hex color **C670B0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70C686**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA6E8**, and **8E3C7B** is the 20% darker color. If you saturate the color by 10%, you get **C65CAB**, and if you desaturate by 10%, it is **C684B5**.

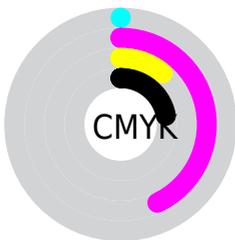
Distribution



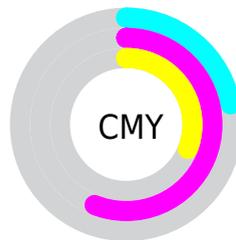
- Red (78%)
- Green (44%)
- Blue (69%)



- Red (78%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (22%)



- Cyan (22%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C670B0 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 C670B0 by changing the saturation by 10% instead.

 C670B0

 C670B0

FFFFFF

 AA5695

 FFA6E8

 8E3C7B

 FFC2FF

 732262

 FFDEFF

 59024A

 FFFBFF

 400033

 2A001F

 000000

 C670B0

 C670B0

 C65CAB

 C684B5

 C648A6

 C698BA

 C635A1

 C6ABBF

 C6219C

 C6BFC4

 C60D97

 C6D3C9

 C60093

 C6E7CE

 C6FBD3

 C6FFD9

 C6FFDE

Harmonies

Analogous

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



9A7FD0



C670B0



D96A87

Triad

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



C670B0



9E8E37



00A1BC

Complementary

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



C670B0



70C686

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.



00A294



C670B0



729947

Square

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



C670B0



C07F42



369F6A



009BD8

Rectangle

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



C670B0



D96D6C



369F6A



00A1B0

Sweetspot

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



C670B0



FFDEF7



8670C6



806B7A



000000



808080

Same Dimension

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



C670B0



FF7ADD



C67086



635A61



A30079



24001B

Inverse Universe

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



C670B0



FF7ADD



70C6B1



635A61



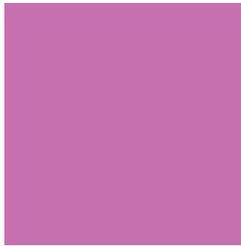
A30079



24001B

Previews

White Background



This preview shows how the Hex color C670B0 looks on a white background.

Color Contrast Check

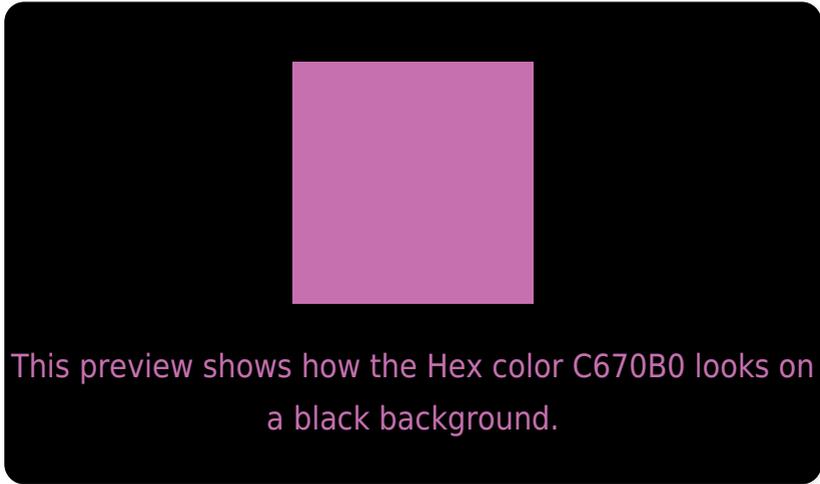
Large Text (above 18pt) WCAG AA ✓ Pass

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

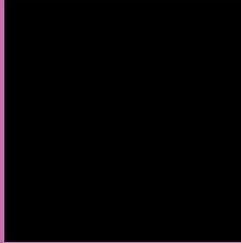
Any Text WCAG AA ✓ Pass

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 C670B0 Background



This preview shows how black text looks on a background with the Hex color C670B0.

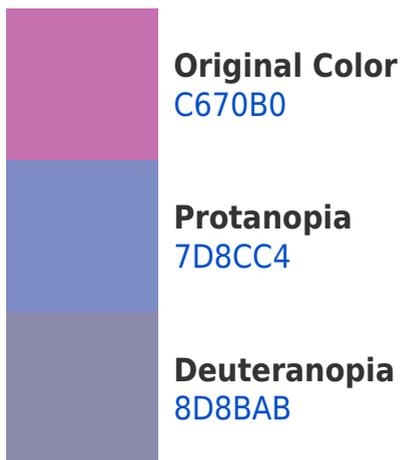


This preview shows how white text looks on a background with the Hex color C670B0.

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](#).

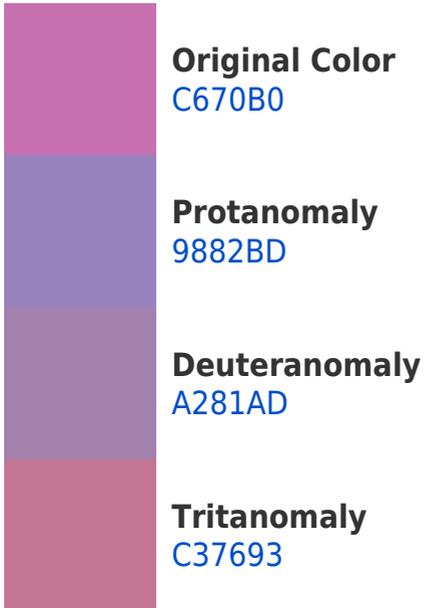
Dichromacy



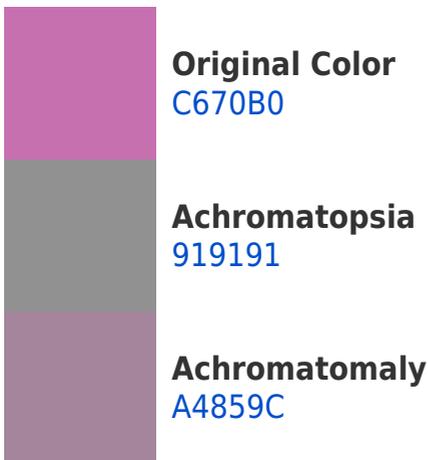


Tritanopia
C17983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C670B0 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 #C670B0 looks like.

```
.text, #text, p{  
    color:#C670B0  
}
```

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 #C670B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C670B0
}
```

Border

The CSS property to change the border of an element to Hex C670B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

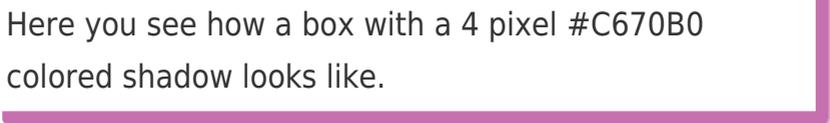
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C670B0 }
```

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

```
.border{ border-color:#C670B0 }
```

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



Here you see how a box with a 4 pixel `#C670B0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C670B0; -webkit-box-shadow:4px 4px  
4px 4px #C670B0; box-shadow:4px 4px 4px  
4px #C670B0 }
```

Background

The CSS property to change the background color of an element to Hex C670B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C670B0 }
```

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

```
.background{ background-color:#C670B0 }
```

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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