

# Converting Colors

Hex(B670C6)

Have a look what the booklet for  
Hex(B670C6) contains.

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# **Color**

**Hex(B670C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B670C6
RGB	182, 112, 198
RGB Percent	71%, 44%, 78%
CMY	0.2863, 0.5608, 0.2235
CMYK	0.08, 0.43, 0.00, 0.22
HSL	289°, 43%, 61%
HSV	289°, 43%, 78%
XYZ	35.2786, 25.6106, 56.5100
YIQ	142.7340, 14.1140, 41.5860

# Conversions

## Conversions Part 2

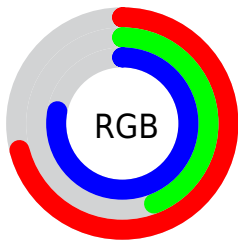
Format	Color
<a href="#">RYB</a>	<a href="#">182, 112, 198</a>
Decimal	<a href="#">11956422</a>
CIELab	<a href="#">57.67, 41.81, -33.72</a>
CIELCh	<a href="#">58, 53.708, 321.115</a>
Yxy	<a href="#">25.6106, 0.3005, 0.2181</a>
Android (android.graphics.Color)	<a href="#">4290146502 (0xFFB670C6)</a>
YUV	<a href="#">142.7340, 27.2461, 34.4363</a>
Hunter-Lab	<a href="#">50.6070, 35.8720, -30.7811</a>

# Details

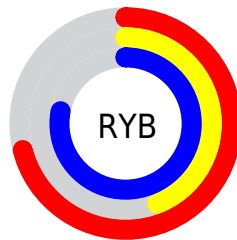
The Hex color **B670C6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80C670**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **EFA5FF**, and **7F3D90** is the 20% darker color. If you saturate the color by 10%, you get **B25CC6**, and if you desaturate by 10%, it is **BA84C6**.

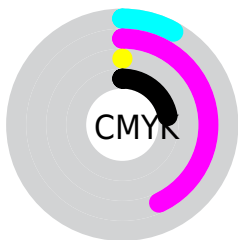
# Distribution



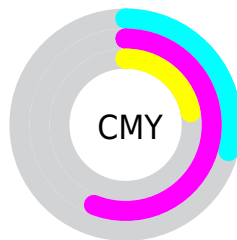
- Red (71%)
- Green (44%)
- Blue (78%)



- Red (71%)
- Yellow (44%)
- Blue (78%)



- Cyan (8%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (56%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B670C6 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 B670C6 by changing the saturation by 10% instead.



 B670C6

 B670C6

FFFFFF

 9A56AB

 EFA5FF

 7F3D90

 FFC1FF

 652476

 FFDDFF

 4B075D

 FFFAFF

 320045

 1D002E

 000118

 000000

 B670C6

 B670C6

 B25CC6

 BA84C6

 AF48C6

 BD98C6

 AB35C6

 C1ABC6

 A721C6

 C5BFC6

 A40DC6

 C8D3C6

 A100C6

 CCE7C6

 D0FBC6

 D3FFC6

 D7FFC6

# Harmonies

## Analogous

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



7384E2



B670C6



D9619B

# Triad

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



B670C6



AF8327



00A1AB

# Complementary

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



B670C6



80C670

# 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.



00A07A



B670C6



83922B

# Square

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



B670C6



D07142



4A9C4D



009DD3

# Rectangle

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



B670C6



E05F7B



4A9C4D



00A19B



# Sweetspot

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



B670C6



F9DEFF



7081C6



7C6B80



000000



808080



# Same Dimension

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



B670C6



E67AFF



C670AC



625A63



8500A3



1D0024



# Inverse Universe

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



C67080



FF7A93



70C68A



635A5B



A3001E

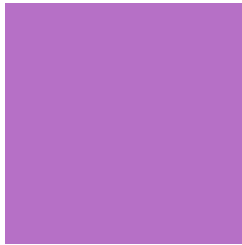


240007



# Previews

## White Background



This preview shows how the Hex color B670C6 looks on a white background.

## Color Contrast Check

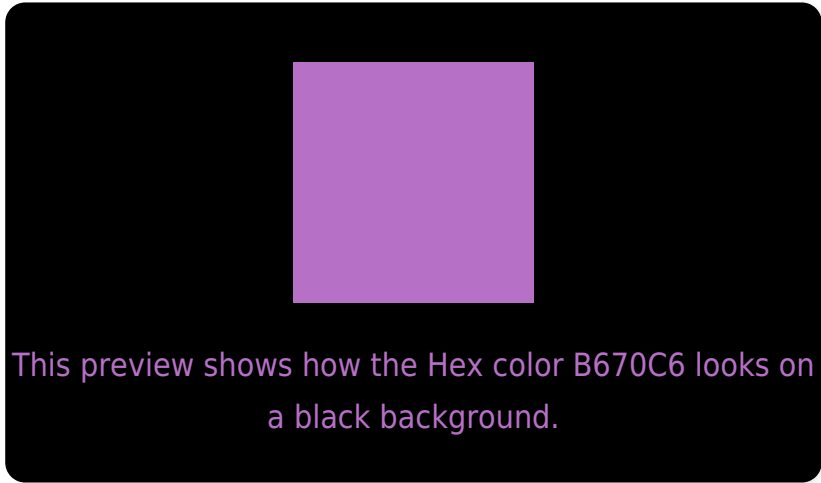
Large Text (above 18pt) WCAG AA ✓ Pass

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

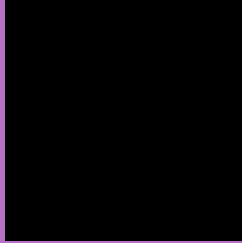
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B670C6 Background



This preview shows how black text looks on a background with the Hex color B670C6.

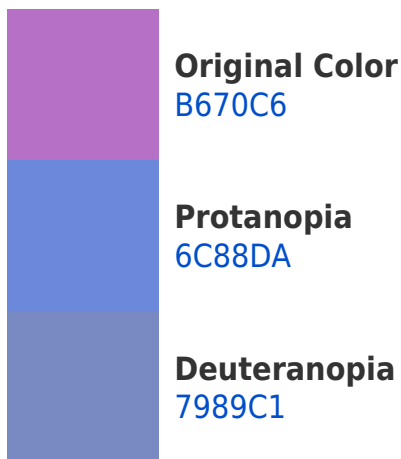


This preview shows how white text looks on a background with the Hex color B670C6.

# 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**  
AD7E88

# Trichromacy



**Original Color**  
B670C6



**Protanomaly**  
877FD3



**Deuteranomaly**  
8F80C3



**Tritanomaly**  
B0799F

# Monochromacy



**Original Color**  
B670C6



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
9D84A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B670C6 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 #B670C6 looks like.

```
.text, #text, p{  
    color:#B670C6  
}
```

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 #B670C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B670C6
}
```

## Border

The CSS property to change the border of an element to Hex B670C6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

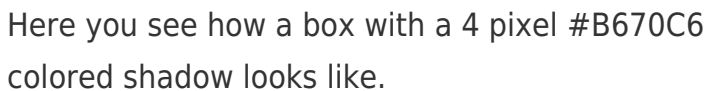
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B670C6 }
```

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

```
.border{ border-color:#B670C6 }
```

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



Here you see how a box with a 4 pixel #B670C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B670C6; -webkit-box-shadow:4px 4px  
4px 4px #B670C6; box-shadow:4px 4px 4px  
4px #B670C6 }
```

# Background

The CSS property to change the background color of an element to Hex B670C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B670C6 }
```

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

```
.background{ background-color:#B670C6 }
```

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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