

Converting Colors

Hex(B676CB)

Have a look what the booklet for
Hex(B676CB) contains.

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Color

Hex(B676CB)

Conversions

Conversions Part 1

Format	Color
Hex	B676CB
RGB	182, 118, 203
RGB Percent	71%, 46%, 80%
CMY	0.2863, 0.5373, 0.2039
CMYK	0.10, 0.42, 0.00, 0.20
HSL	285°, 45%, 63%
HSV	285°, 42%, 80%
XYZ	36.5493, 27.2137, 59.8263
YIQ	146.8260, 10.8590, 40.0030

Conversions

Conversions Part 2

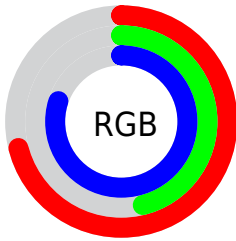
Format	Color
RYB	182, 118, 203
Decimal	11957963
CIELab	59.17, 39.58, -34.20
CIELCh	59, 52.310, 319.166
Yxy	27.2137, 0.2957, 0.2202
Android (android.graphics.Color)	4290148043 (0xFFB676CB)
YUV	146.8260, 27.6938, 30.8476
Hunter-Lab	52.1668, 33.7696, -31.4787

Details

The Hex color **B676CB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8BCB76**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **EFABFF**, and **7F4394** is the 20% darker color. If you saturate the color by 10%, you get **B162CB**, and if you desaturate by 10%, it is **BB8ACB**.

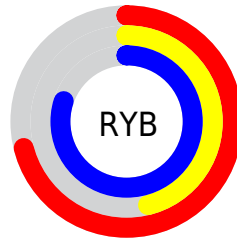
Distribution



Red (71%)

Green (46%)

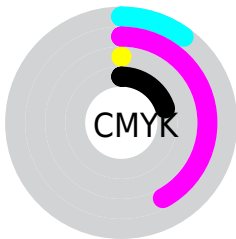
Blue (80%)



Red (71%)

Yellow (46%)

Blue (80%)

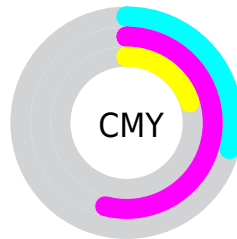


Cyan (10%)

Magenta (42%)

Yellow (0%)

Black (20%)



Cyan (29%)

Magenta (54%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B676CB 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 B676CB by changing the saturation by 10% instead.

 B676CB

 B676CB

FFFFFF

 9A5CAF

 EFABFF

 7F4394

 FFC7FF

 652B7A

 FFE4FF

 4C1161

 330049

 1F0032

 00011C

 000000

 B676CB

 B676CB

 B162CB

 BB8ACB

 AC4DCB

 C09FCB

 A739CB

 C5B3CB

 A225CB

 CAC7CB

 9D11CB

 CFDCCB

 9900CB

 D4F0CB

 D9FFCB

 DEFFCB

 E3FFCB

Harmonies

Analogous

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



7389E5



B676CB



DA67A1

Triad

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



B676CB



B68630



00A5AB

Complementary

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



B676CB



8BCB76

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.



00A47C



B676CB



8B9531

Square

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



B676CB



D5744A



559F4F



00A1D3

Rectangle

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



B676CB



E36582



559F4F



00A59C

Sweetspot

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



B676CB



F7DEFF



768BCB



7A6B80



000000



808080

Same Dimension

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



B676CB



E080FF



CB76B6



635C66



7D00A6



1D0026

Inverse Universe

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



CB768B



FF809F



76CB8B



665C5E



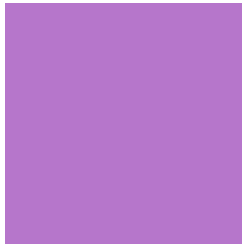
A60029



260009

Previews

White Background



This preview shows how the Hex color B676CB looks on a white background.

Color Contrast Check

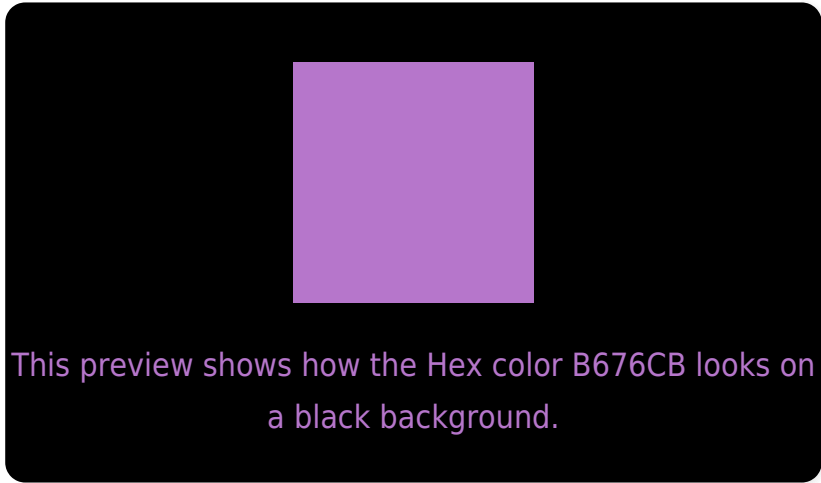
Large Text (above 18pt) WCAG AA ✓ Pass

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

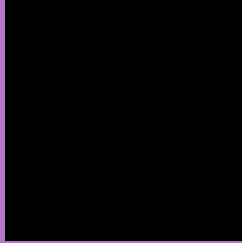
Any Text WCAG AA ✓ Pass

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 B676CB Background



This preview shows how black text looks on a background with the Hex color B676CB.

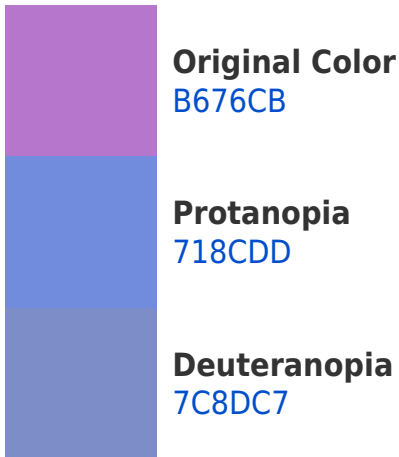



This preview shows how white text looks on a background with the Hex color B676CB.

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
AD838E

Trichromacy



Original Color
B676CB



Protanomaly
8A84D6



Deuteranomaly
9185C8



Tritanomaly
B07EA4

Monochromacy



Original Color
B676CB



Achromatopsia
939393



Achromatomaly
A088A7

CSS Examples

Text

The CSS property to change the color of the text to Hex B676CB 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 #B676CB looks like.

```
.text, #text, p{  
    color:#B676CB  
}
```

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 #B676CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B676CB
}
```

Border

The CSS property to change the border of an element to Hex B676CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

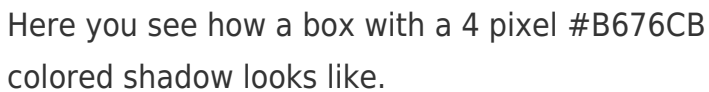
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B676CB }
```

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

```
.border{ border-color:#B676CB }
```

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



Here you see how a box with a 4 pixel #B676CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B676CB; -webkit-box-shadow:4px 4px  
4px 4px #B676CB; box-shadow:4px 4px 4px  
4px #B676CB }
```

Background

The CSS property to change the background color of an element to Hex B676CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B676CB }
```

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

```
.background{ background-color:#B676CB }
```

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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