

Converting Colors

Hex(B676C4)

Have a look what the booklet for
Hex(B676C4) contains.

Hex(B676C4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B676C4)

Conversions

Conversions Part 1

Format	Color
Hex	B676C4
RGB	182, 118, 196
RGB Percent	71%, 46%, 77%
CMY	0.2863, 0.5373, 0.2314
CMYK	0.07, 0.40, 0.00, 0.23
HSL	289°, 40%, 62%
HSV	289°, 40%, 77%
XYZ	35.7336, 26.8875, 55.5310
YIQ	146.0280, 13.1060, 37.8260

Conversions

Conversions Part 2

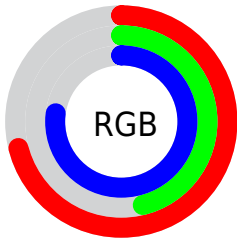
Format	Color
RYB	182, 118, 196
Decimal	11957956
CIELab	58.87, 38.15, -30.71
CIELCh	59, 48.975, 321.173
Yxy	26.8875, 0.3024, 0.2276
Android (android.graphics.Color)	4290148036 (0xFFB676C4)
YUV	146.0280, 24.6362, 31.5474
Hunter-Lab	51.8531, 32.2670, -27.1981

Details

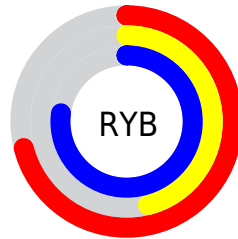
The Hex color **B676C4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **84C476**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **EFABFD**, and **80448E** is the 20% darker color. If you saturate the color by 10%, you get **B262C4**, and if you desaturate by 10%, it is **BA8AC4**.

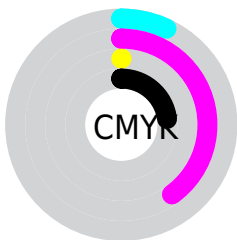
Distribution



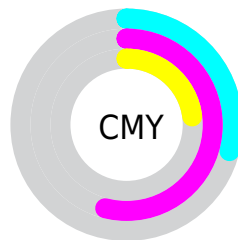
- Red (71%)
- Green (46%)
- Blue (77%)



- Red (71%)
- Yellow (46%)
- Blue (77%)



- Cyan (7%)
- Magenta (40%)
- Yellow (0%)
- Black (23%)



- Cyan (29%)
- Magenta (54%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color B676C4 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 B676C4 by changing the saturation by 10% instead.

 B676C4

 B676C4

FFFFFF

 9A5CA9

 EFABFD

 80448E

 FFC7FF

 652B74

 FFE3FF

 4C125B

 330043

 20002D

 000117

 000000

 B676C4

 B676C4

 B262C4

 BA8AC4

 AF4FC4

 BD9DC4

 AB3BC4

 C1B1C4

 A828C4

 C4C4C4

 A414C4

 C8D8C4

 A100C4

 CBECC4

 CFFFC4

 D2FFC4

 D6FFC4

Harmonies

Analogous

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



7B87DE



B676C4



D6699C

Triad

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



B676C4



B18735



00A3AB

Complementary

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



B676C4



84C476

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.



00A27F



B676C4



889539

Square

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



B676C4



CF774C



559E55



009FD0

Rectangle

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



B676C4



DD687F



559E55



00A39D

Sweetspot

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



B676C4



FAE0FF



7684C4



7C6E80



000000



808080

Same Dimension

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



B676C4



E985FF



C476AB



5F5761



8400A1



1B0021

Inverse Universe

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



C47684



FF859B



76C48F



615759



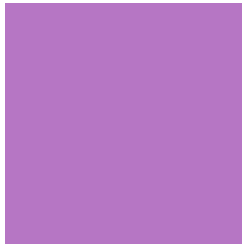
A1001D



210006

Previews

White Background



This preview shows how the Hex color B676C4 looks on a white background.

Color Contrast Check

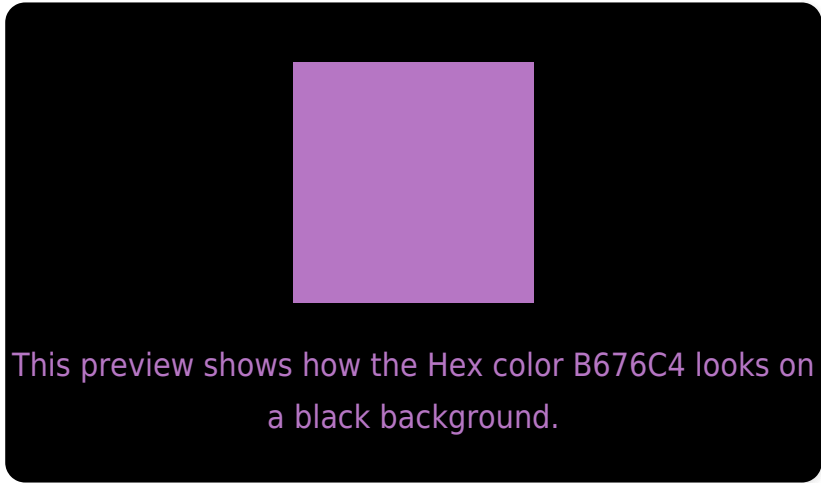
Large Text (above 18pt) WCAG AA ✓ Pass

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

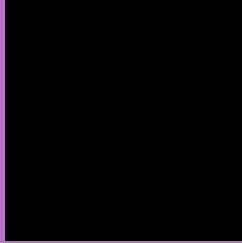
Any Text WCAG AA ✓ Pass

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 B676C4 Background



This preview shows how black text looks on a background with the Hex color B676C4.

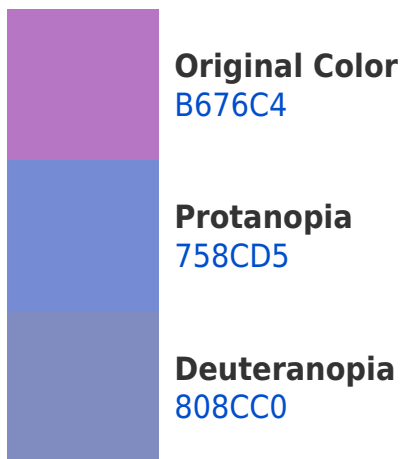



This preview shows how white text looks on a background with the Hex color B676C4.

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](#).

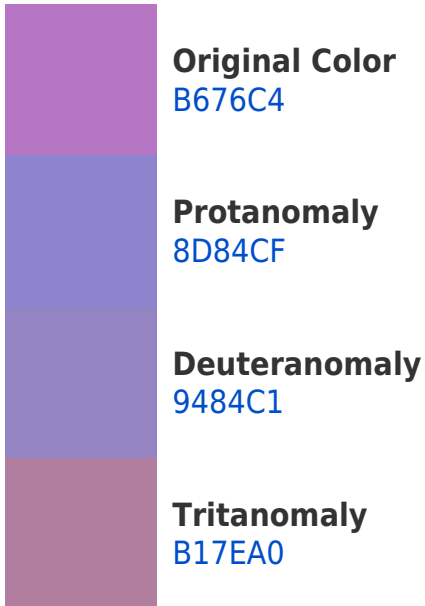
Dichromacy





Tritanopia
AE828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B676C4 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 #B676C4 looks like.

```
.text, #text, p{  
    color:#B676C4  
}
```

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 #B676C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B676C4
}
```

Border

The CSS property to change the border of an element to Hex B676C4 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
#B676C4 }
```

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

```
.border{ border-color:#B676C4 }
```

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

Here you see how a box with a 4 pixel #B676C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B676C4; -webkit-box-shadow:4px 4px  
4px 4px #B676C4; box-shadow:4px 4px 4px  
4px #B676C4 }
```

Background

The CSS property to change the background color of an element to Hex B676C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B676C4 }
```

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

```
.background{ background-color:#B676C4 }
```

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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