

Converting Colors

Hex(B676A7)

Have a look what the booklet for
Hex(B676A7) contains.

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Color

Hex(B676A7)

Conversions

Conversions Part 1

Format	Color
Hex	B676A7
RGB	182, 118, 167
RGB Percent	71%, 46%, 65%
CMY	0.2863, 0.5373, 0.3451
CMYK	0.00, 0.35, 0.08, 0.29
HSL	314°, 30%, 59%
HSV	314°, 35%, 71%
XYZ	32.7449, 25.6920, 39.7924
YIQ	142.7220, 22.4150, 28.8070

Conversions

Conversions Part 2

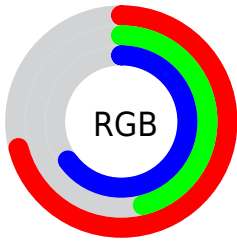
Format	Color
RYB	182, 118, 167
Decimal	11957927
CIELab	57.74, 32.65, -15.85
CIELCh	58, 36.296, 334.112
Yxy	25.6920, 0.3334, 0.2616
Android (android.graphics.Color)	4290148007 (0xFFB676A7)
YUV	142.7220, 11.9691, 34.4468
Hunter-Lab	50.6872, 26.6116, -11.0650

Details

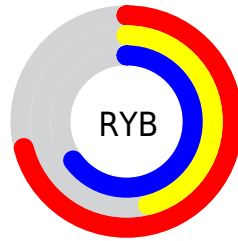
The Hex color **B676A7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **76B685**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **EFABDE**, and **804473** is the 20% darker color. If you saturate the color by 10%, you get **B664A3**, and if you desaturate by 10%, it is **B688AB**.

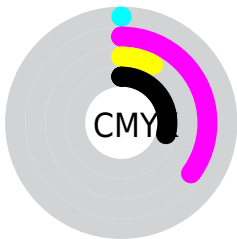
Distribution



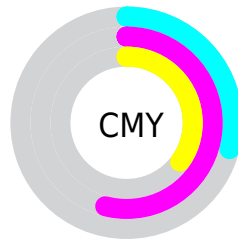
- Red (71%)
- Green (46%)
- Blue (65%)



- Red (71%)
- Yellow (46%)
- Blue (65%)



- Cyan (0%)
- Magenta (35%)
- Yellow (8%)
- Black (29%)



- Cyan (29%)
- Magenta (54%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B676A7 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 B676A7 by changing the saturation by 10% instead.

 B676A7

 B676A7

FFFFFF

 9B5D8D

 EFABDE

 804473

 FFC7FB

 662C5A

 FFE3FF

 4D1443

 35002C

 1F0018

 000000


 B676A7

 B676A7

 B664A3

 B688AB

 B6529E

 B69AB0

 B63F9A

 B6ADB4

 B62D96

 B6BFB8

 B61B92

 B6D1BC

 B6098D

 B6E3C1

 B6008B

 B6F5C5

 B6FFC9

 B6FFCD

Harmonies

Analogous

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



9481BF



B676A7



C67188

Triad

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



B676A7



9B8A4A



009AAD

Complementary

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



B676A7



76B685

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.



159B8E



B676A7



799355

Square

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



B676A7



B57F52



51996E



1495C3

Rectangle

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



B676A7



C87372



51996E



009BA4

Sweetspot

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



B676A7



EDD3E7



8576B6



786874



F7F7F7



787878

Same Dimension

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



B676A7



ED8AD6



B67687



5C535A



9C0077



1C0015

Inverse Universe

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



B676A7



ED8AD6



76B6A5



5C535A



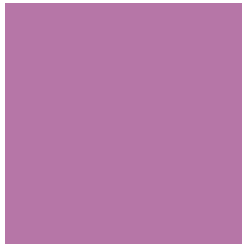
9C0077



1C0015

Previews

White Background



This preview shows how the Hex color B676A7 looks on a white background.

Color Contrast Check

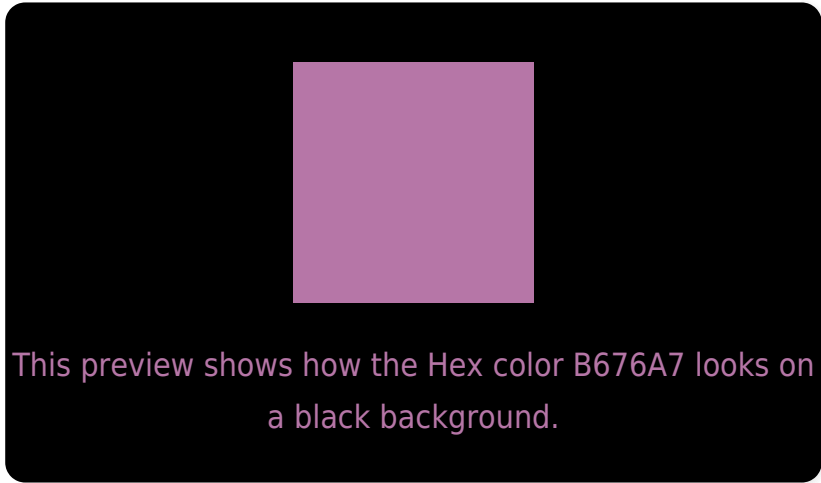
Large Text (above 18pt) WCAG AA ✓ Pass

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

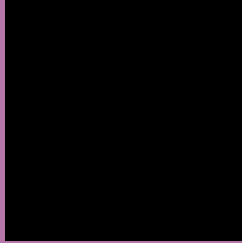
Any Text WCAG AA ✓ Pass

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 B676A7 Background



This preview shows how black text looks on a background with the Hex color B676A7.

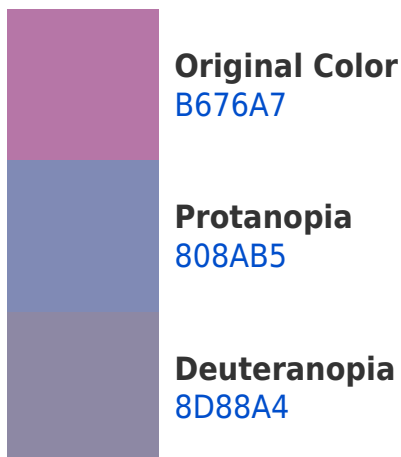



This preview shows how white text looks on a background with the Hex color B676A7.

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
B27C86

Trichromacy



Original Color
B676A7



Protanomaly
9483B0



Deuteranomaly
9C81A5

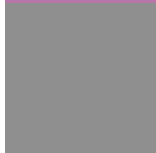


Tritanomaly
B37A92

Monochromacy



Original Color
B676A7



Achromatopsia
8F8F8F



Achromatomaly
9D8698

CSS Examples

Text

The CSS property to change the color of the text to Hex B676A7 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 #B676A7 looks like.

```
.text, #text, p{  
    color:#B676A7  
}
```

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 #B676A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B676A7
}
```

Border

The CSS property to change the border of an element to Hex B676A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

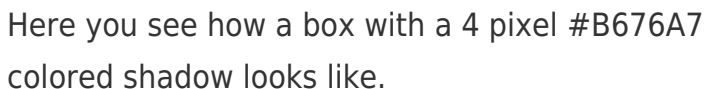
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B676A7 }
```

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

```
.border{ border-color:#B676A7 }
```

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



Here you see how a box with a 4 pixel #B676A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B676A7; -webkit-box-shadow:4px 4px  
4px 4px #B676A7; box-shadow:4px 4px 4px  
4px #B676A7 }
```

Background

The CSS property to change the background color of an element to Hex B676A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B676A7 }
```

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

```
.background{ background-color:#B676A7 }
```

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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