

Converting Colors

Hex(B678B1)

Have a look what the booklet for
Hex(B678B1) contains.

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Color

Hex(B678B1)

Conversions

Conversions Part 1

Format	Color
Hex	B678B1
RGB	182, 120, 177
RGB Percent	71%, 47%, 69%
CMY	0.2863, 0.5294, 0.3059
CMYK	0.00, 0.34, 0.03, 0.29
HSL	305°, 30%, 59%
HSV	305°, 34%, 71%
XYZ	33.9437, 26.5523, 44.9311
YIQ	145.0360, 18.6550, 30.8710

Conversions

Conversions Part 2

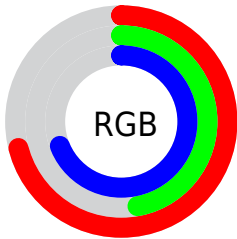
Format	Color
RYB	182, 120, 177
Decimal	11958449
CIELab	58.56, 33.37, -20.35
CIELCh	59, 39.087, 328.623
Yxy	26.5523, 0.3220, 0.2519
Android (android.graphics.Color)	4290148529 (0xFFB678B1)
YUV	145.0360, 15.7583, 32.4174
Hunter-Lab	51.5290, 27.4076, -15.6281

Details

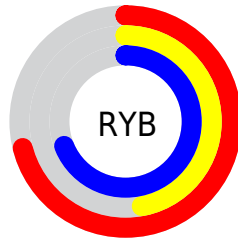
The Hex color **B678B1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **78B67D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **EFADE9**, and **80467C** is the 20% darker color. If you saturate the color by 10%, you get **B666B0**, and if you desaturate by 10%, it is **B68AB2**.

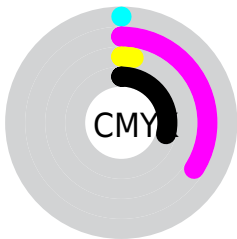
Distribution



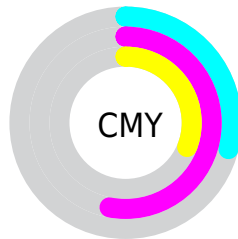
- Red (71%)
- Green (47%)
- Blue (69%)



- Red (71%)
- Yellow (47%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (3%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B678B1 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 B678B1 by changing the saturation by 10% instead.

 B678B1

 B678B1

FFFFFF

 9B5F96

 EFADE9

 80467C

 FFC9FF

 662E63

 FFE5FF

 4D164B

 350034

 21001F

 000002

 000000


 B678B1

 B678B1

 B666B0

 B68AB2

 B654AE

 B69CB4

 B641AD

 B6AFB5

 B62FAB

 B6C1B7

 B61DAA

 B6D3B8

 B60BA8

 B6E5BA

 B600A7

 B6F7BB

 B6FFBD

 B6FFBE

Harmonies

Analogous

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



8D85C9



B678B1



CB7190

Triad

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



B678B1



A38A47



009EAD

Complementary

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



B678B1



78B67D

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.



109E8A



B678B1



81954F

Square

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



B678B1



BE7E53



579B68



009AC7

Rectangle

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



B678B1



CE7279



579B68



009FA2

Sweetspot

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



B678B1



EDD5EB



7C78B6



786977



F7F7F7



787878

Same Dimension

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



B678B1



ED8CE5



B67893



5C535B



9C008F



1C001A

Inverse Universe

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



B678B1



ED8CE5



78B69B



5C535B



9C008F



1C001A

Previews

White Background



This preview shows how the Hex color B678B1 looks on a white background.

Color Contrast Check

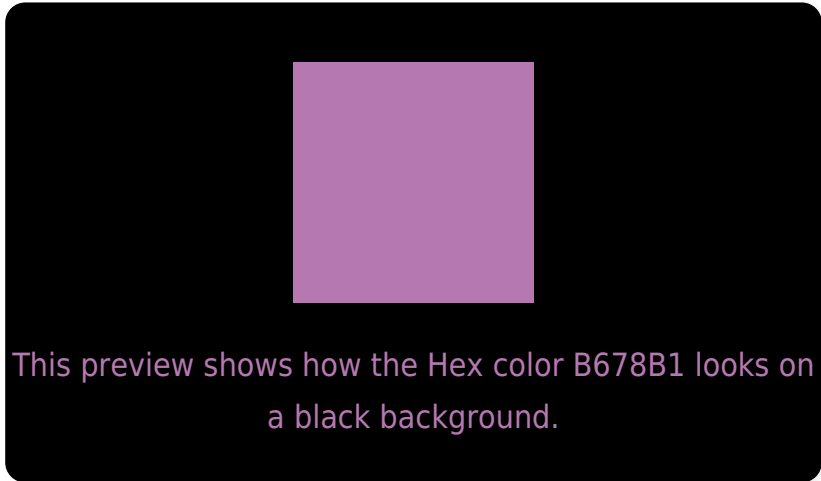
Large Text (above 18pt) WCAG AA ✓ Pass

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

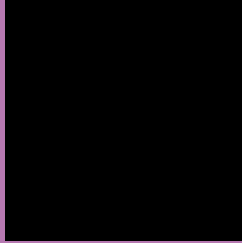
Any Text WCAG AA ✓ Pass

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 B678B1 Background



This preview shows how black text looks on a background with the Hex color B678B1.

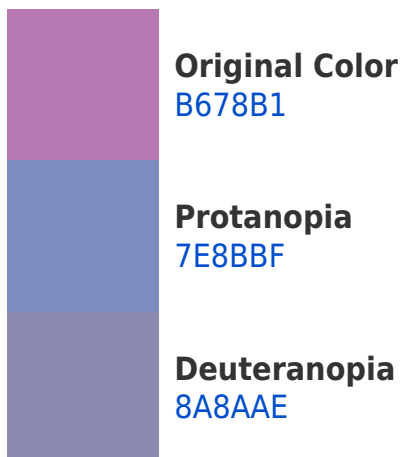


This preview shows how white text looks on a background with the Hex color B678B1.

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
B1808A

Trichromacy



Original Color
B678B1



Protanomaly
9284BA



Deuteranomaly
9A83AF



Tritanomaly
B37D98

Monochromacy



Original Color
B678B1



Achromatopsia
919191



Achromatomaly
9E889D

CSS Examples

Text

The CSS property to change the color of the text to Hex B678B1 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 #B678B1 looks like.

```
.text, #text, p{  
    color:#B678B1  
}
```

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 #B678B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B678B1
}
```

Border

The CSS property to change the border of an element to Hex B678B1 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
#B678B1 }
```

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

```
.border{ border-color:#B678B1 }
```

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

Here you see how a box with a 4 pixel #B678B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B678B1; -webkit-box-shadow:4px 4px  
4px 4px #B678B1; box-shadow:4px 4px 4px  
4px #B678B1 }
```

Background

The CSS property to change the background color of an element to Hex B678B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B678B1 }
```

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

```
.background{ background-color:#B678B1 }
```

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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