

Converting Colors

Hex(B578B0)

Have a look what the booklet for
Hex(B578B0) contains.

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Color

Hex(B578B0)

Conversions

Conversions Part 1

Format	Color
Hex	B578B0
RGB	181, 120, 176
RGB Percent	71%, 47%, 69%
CMY	0.2902, 0.5294, 0.3098
CMYK	0.00, 0.34, 0.03, 0.29
HSL	305°, 29%, 59%
HSV	305°, 34%, 71%
XYZ	33.6090, 26.3913, 44.3969
YIQ	144.6230, 18.3800, 30.3480

Conversions

Conversions Part 2

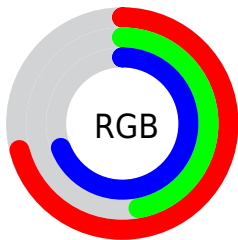
Format	Color
RYB	181, 120, 176
Decimal	11892912
CIELab	58.41, 32.85, -20.02
CIELCh	58, 38.471, 328.643
Yxy	26.3913, 0.3219, 0.2528
Android (android.graphics.Color)	4290082992 (0xFFB578B0)
YUV	144.6230, 15.4689, 31.9026
Hunter-Lab	51.3725, 26.8769, -15.2787

Details

The Hex color **B578B0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **78B57D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **EEADE8**, and **7F467B** is the 20% darker color. If you saturate the color by 10%, you get **B566AF**, and if you desaturate by 10%, it is **B58AB1**.

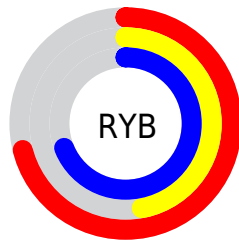
Distribution



Red (71%)

Green (47%)

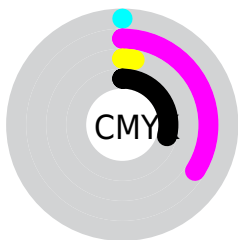
Blue (69%)



Red (71%)

Yellow (47%)

Blue (69%)

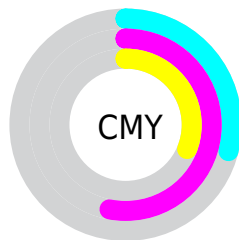


Cyan (0%)

Magenta (34%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color B578B0 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 B578B0 by changing the saturation by 10% instead.

 B578B0

 B578B0

FFFFFF

 9A5F95

 EEADE8

 7F467B

 FFC9FF

 652E62

 FFE5FF

 4C164A

 340033

 20001E

 000000

 B578B0

 B578B0

 B566AF

 B58AB1

 B554AD

 B59CB3

 B542AC

 B5AEB4

 B530AA

 B5C0B6

 B51DA9

 B5D3B7

 B50BA7

 B5E5B9

 B500A6

 B5F7BA

 B5FFBC

 B5FFBD

Harmonies

Analogous

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



8D84C8



B578B0



CA718F

Triad

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



B578B0



A38A48



009DAC

Complementary

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



B578B0



78B57D

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.



169E8A



B578B0



809450

Square

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



B578B0



BD7E54



579B68



0099C5

Rectangle

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



B578B0



CD7279



579B68



009EA1

Sweetspot

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



B578B0



EBD3E9



7C78B5



756774



F5F5F5



757575

Same Dimension

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



B578B0



EB8DE3



B57892



595059



99008C



1A0017

Inverse Universe

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



B578B0



EB8DE3



78B59B



595059



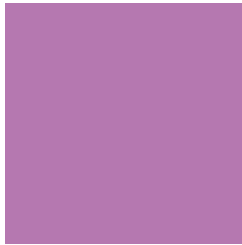
99008C



1A0017

Previews

White Background



This preview shows how the Hex color B578B0 looks on a white background.

Color Contrast Check

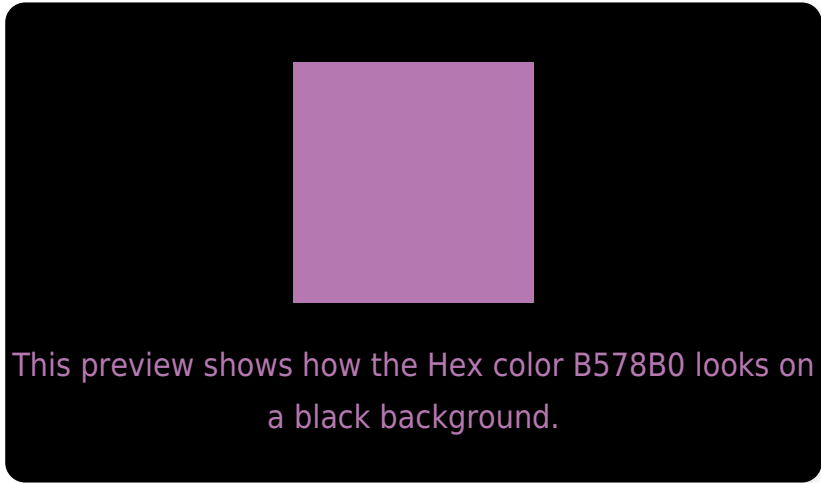
Large Text (above 18pt) WCAG AA ✓ Pass

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 B578B0 Background



This preview shows how black text looks on a background with the Hex color B578B0.

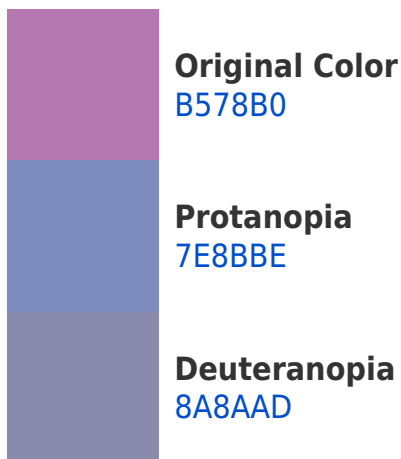


This preview shows how white text looks on a background with the Hex color B578B0.

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](#).

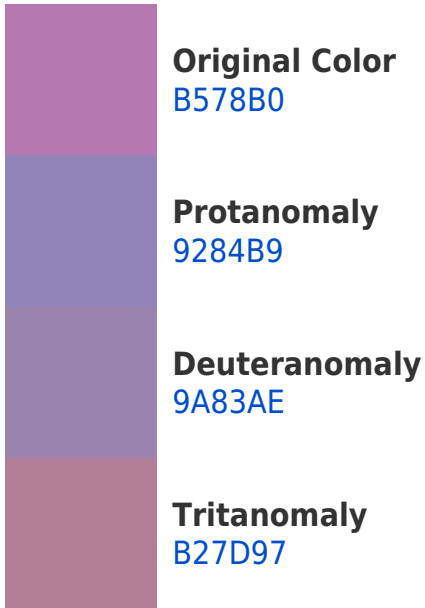
Dichromacy





Tritanopia
B08089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B578B0 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 #B578B0 looks like.

```
.text, #text, p{  
    color:#B578B0  
}
```

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 #B578B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B578B0
}
```

Border

The CSS property to change the border of an element to Hex B578B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

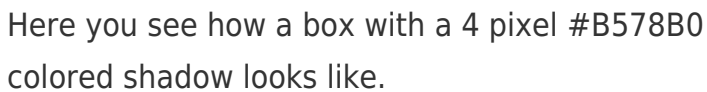
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B578B0 }
```

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

```
.border{ border-color:#B578B0 }
```

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



Here you see how a box with a 4 pixel #B578B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B578B0; -webkit-box-shadow:4px 4px  
4px 4px #B578B0; box-shadow:4px 4px 4px  
4px #B578B0 }
```

Background

The CSS property to change the background color of an element to Hex B578B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B578B0 }
```

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

```
.background{ background-color:#B578B0 }
```

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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