

# Converting Colors

Hex(B380BC)

Have a look what the booklet for  
Hex(B380BC) contains.

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# **Color**

**Hex(B380BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B380BC
RGB	179, 128, 188
RGB Percent	70%, 50%, 74%
CMY	0.2980, 0.4980, 0.2627
CMYK	0.05, 0.32, 0.00, 0.26
HSL	291°, 31%, 62%
HSV	291°, 32%, 74%
XYZ	35.3867, 28.6529, 51.2424
YIQ	150.0890, 11.1360, 29.4720

# Conversions

## Conversions Part 2

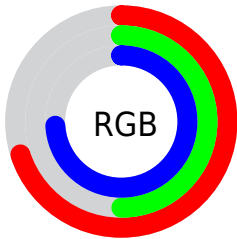
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 128, 188
Decimal	11763900
CIELab	60.47, 30.07, -23.72
CIELCh	60, 38.295, 321.735
Yxy	28.6529, 0.3070, 0.2485
Android (android.graphics.Color)	4289953980 (0xFFB380BC)
YUV	150.0890, 18.6901, 25.3549
Hunter-Lab	53.5284, 24.3285, -19.2881

# Details

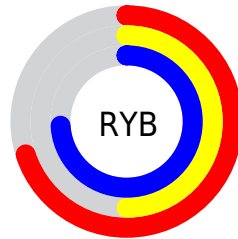
The Hex color **B380BC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89BC80**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EBB5F4**, and **7D4E87** is the 20% darker color. If you saturate the color by 10%, you get **B06DBC**, and if you desaturate by 10%, it is **B693BC**.

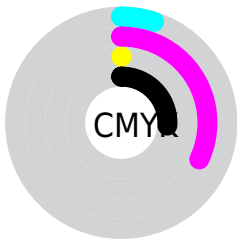
# Distribution



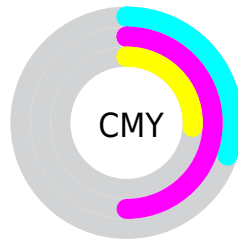
- Red (70%)
- Green (50%)
- Blue (74%)



- Red (70%)
- Yellow (50%)
- Blue (74%)



- Cyan (5%)
- Magenta (32%)
- Yellow (0%)
- Black (26%)



- Cyan (30%)
- Magenta (50%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B380BC 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 B380BC by changing the saturation by 10% instead.



 B380BC

 B380BC

FFFFFF

 9866A1

 EBB5F4

 7D4E87

 FFD1FF

 64366D

 FFEEFF

 4B1F55

 33073D

 210027

 000110

 000000

 B380BC

 B380BC

 B06DBC

 B693BC

 AD5ABC

 B9A6BC

 AB48BC

 BBB8BC

 A835BC

 BECBBC

 A522BC

 C1DEBC

 A20FBC

 C4F1BC

 A000BC

 C7FFBC

 CAFFBC

 CCFBBC

# Harmonies

## Analogous

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



878DD0



B380BC



CC789D

# Triad

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



B380BC



AF8D4E



00A3AA

# Complementary

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



B380BC



89BC80

# 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.



34A387



B380BC



8E9751

# Square

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



B380BC



C8815E



679F67



00A0C6

# Rectangle

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



B380BC



D37786



679F67



00A49E



# Sweetspot

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



B380BC



F1DCF5



8089BC



786C7A



FAFAFA



7A7A7A



# Same Dimension

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



B380BC



E798F5



BC80A7



5D555E



86009E



1A001F



# Inverse Universe

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



BC8089



F598A6



80BC95



5E5556



9E0018

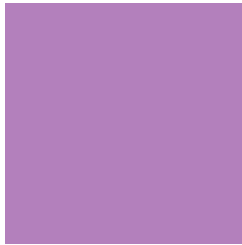


1F0005



# Previews

## White Background



This preview shows how the Hex color B380BC looks on a white background.

## Color Contrast Check

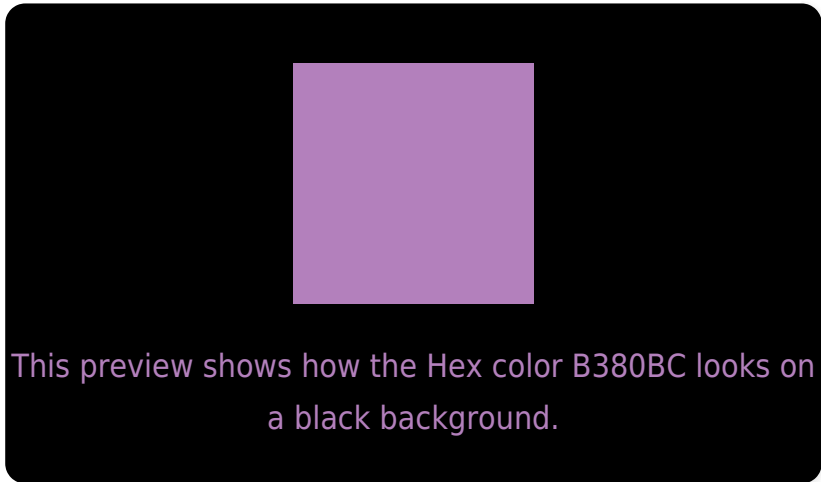
Large Text (above 18pt) WCAG AA ✓ Pass

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

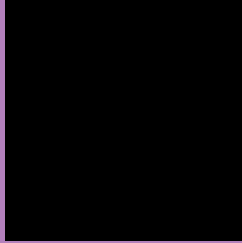
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B380BC Background



This preview shows how black text looks on a background with the Hex color B380BC.

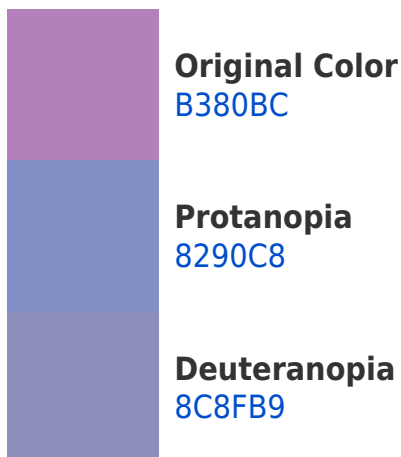


This preview shows how white text looks on a background with the Hex color B380BC.

# 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](#).

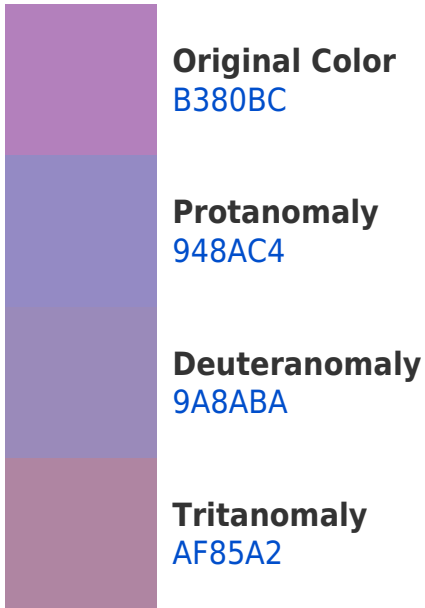
## Dichromacy





**Tritanopia**  
AD8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B380BC 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 #B380BC looks like.

```
.text, #text, p{  
    color:#B380BC  
}
```

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 #B380BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B380BC
}
```

## Border

The CSS property to change the border of an element to Hex B380BC 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
#B380BC }
```

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

```
.border{ border-color:#B380BC }
```

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

Here you see how a box with a 4 pixel #B380BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B380BC; -webkit-box-shadow:4px 4px  
4px 4px #B380BC; box-shadow:4px 4px 4px  
4px #B380BC }
```

# Background

The CSS property to change the background color of an element to Hex B380BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B380BC }
```

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

```
.background{ background-color:#B380BC }
```

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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