

# Converting Colors

Hex(B180C0)

Have a look what the booklet for  
Hex(B180C0) contains.

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# **Color**

**Hex(B180C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B180C0
RGB	177, 128, 192
RGB Percent	69%, 50%, 75%
CMY	0.3059, 0.4980, 0.2471
CMYK	0.08, 0.33, 0.00, 0.25
HSL	286°, 34%, 63%
HSV	286°, 33%, 75%
XYZ	35.3651, 28.5912, 53.5239
YIQ	149.9470, 8.6600, 30.2920

# Conversions

## Conversions Part 2

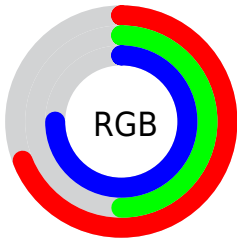
Format	Color
<a href="#">RYB</a>	<a href="#">177, 128, 192</a>
Decimal	<a href="#">11632832</a>
CIELab	<a href="#">60.42, 30.23, -26.09</a>
CIELCh	<a href="#">60, 39.930, 319.210</a>
Yxy	<a href="#">28.5912, 0.3010, 0.2434</a>
Android (android.graphics.Color)	<a href="#">4289822912 (0xFFB180C0)</a>
YUV	<a href="#">149.9470, 20.7321, 23.7255</a>
Hunter-Lab	<a href="#">53.4708, 24.4844, -21.9194</a>

# Details

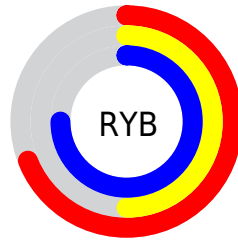
The Hex color **B180C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8FC080**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E9B5F9**, and **7B4E8A** is the 20% darker color. If you saturate the color by 10%, you get **AD6DC0**, and if you desaturate by 10%, it is **B693C0**.

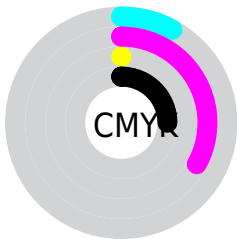
# Distribution



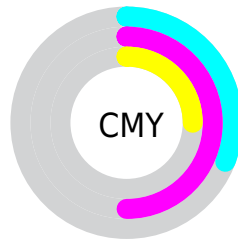
- Red (69%)
- Green (50%)
- Blue (75%)



- Red (69%)
- Yellow (50%)
- Blue (75%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (50%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B180C0 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 B180C0 by changing the saturation by 10% instead.



 B180C0

 B180C0

FFFFFF

 9666A5

 E9B5F9

 7B4E8A

 FFD1FF

 623671

 FFEEFF

 491F58

 310740

 1F002A

 000114

 000000

 B180C0

 B180C0

 AD6DC0

 B693C0

 A85AC0

 BAA6C0

 A346C0

 BFBAC0

 9F33C0

 C3CDC0

 9B20C0

 C8E0C0

 960DC0

 CCF3C0

 9300C0

 D1FFC0

 D5FFC0

 DAFFC0

# Harmonies

## Analogous

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



818DD4



B180C0



CD76A0

# Triad

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



B180C0



B38B4C



00A4A8

# Complementary

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



B180C0



8FC080

# 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.



32A383



B180C0



91974D

# Square

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



B180C0



CB7F5E



699F62



00A1C6

# Rectangle

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



B180C0



D57588



699F62



00A49C



# Sweetspot

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



B180C0



F4E1FA



8090C0



796E7D



FCFCFC



7D7D7D



# Same Dimension

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



B180C0



E296FA



C080B0



5F5761



7B00A1



190021



# Inverse Universe

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



C0808F



FA96AD



80C090



615759



A10026

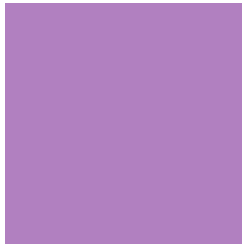


210008



# Previews

## White Background



This preview shows how the Hex color B180C0 looks on a white background.

## Color Contrast Check

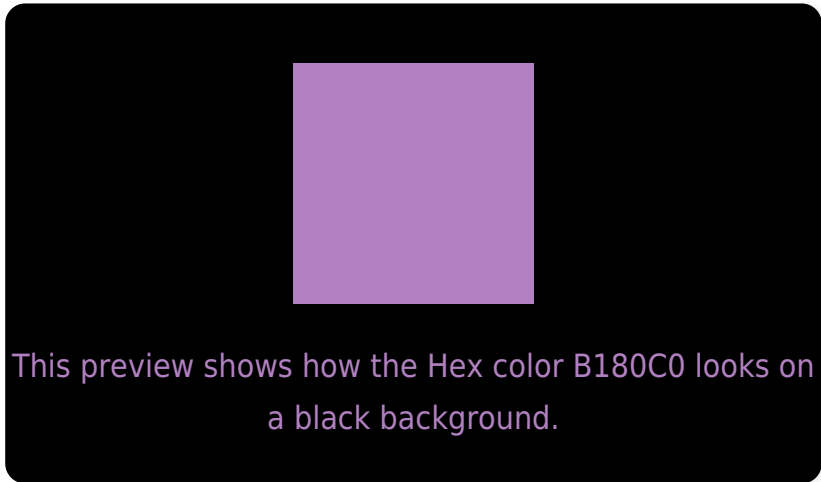
Large Text (above 18pt) WCAG AA ✓ Pass

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

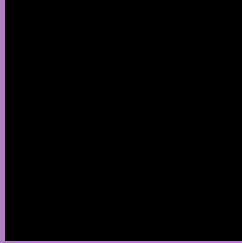
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B180C0 Background



This preview shows how black text looks on a background with the Hex color B180C0.

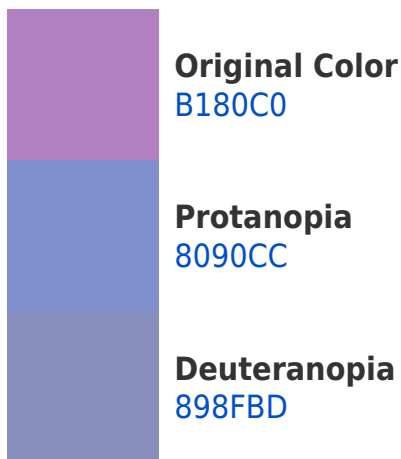



This preview shows how white text looks on a background with the Hex color B180C0.

# 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](#).

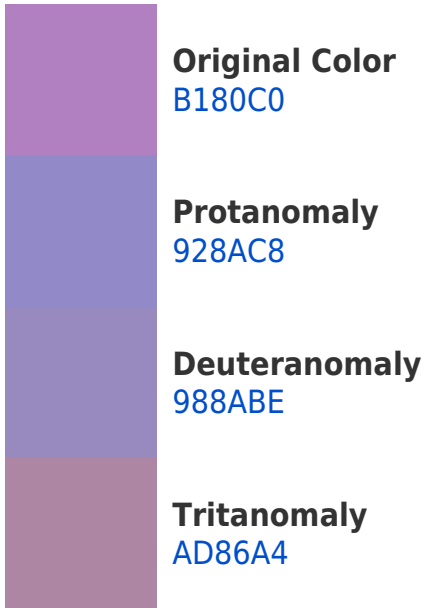
## Dichromacy



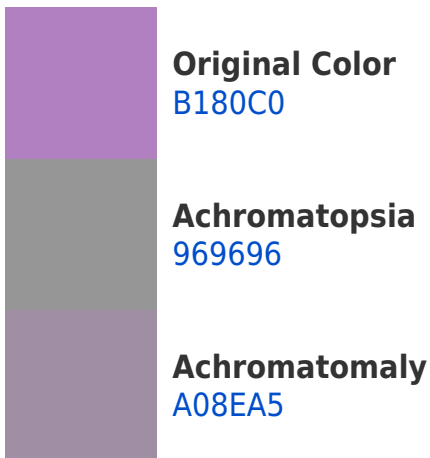


**Tritanopia**  
AA8994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B180C0 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 #B180C0 looks like.

```
.text, #text, p{  
    color:#B180C0  
}
```

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 #B180C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B180C0  
}
```

## Border

The CSS property to change the border of an element to Hex B180C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

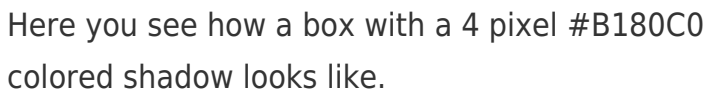
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B180C0 }
```

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

```
.border{ border-color:#B180C0 }
```

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



Here you see how a box with a 4 pixel `#B180C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B180C0; -webkit-box-shadow:4px 4px  
4px 4px #B180C0; box-shadow:4px 4px 4px  
4px #B180C0 }
```

# Background

The CSS property to change the background color of an element to Hex B180C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B180C0 }
```

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

```
.background{ background-color:#B180C0 }
```

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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