

# Converting Colors

Hex(B180C8)

Have a look what the booklet for  
Hex(B180C8) contains.

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# **Color**

**Hex(B180C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B180C8
RGB	177, 128, 200
RGB Percent	69%, 50%, 78%
CMY	0.3059, 0.4980, 0.2157
CMYK	0.12, 0.36, 0.00, 0.22
HSL	281°, 40%, 64%
HSV	281°, 36%, 78%
XYZ	36.2760, 28.9556, 58.3206
YIQ	150.8590, 6.0920, 32.7800

# Conversions

## Conversions Part 2

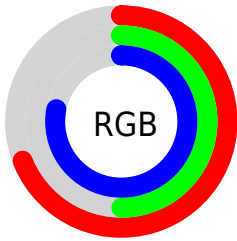
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 128, 200
Decimal	11632840
CIELab	60.74, 31.90, -30.11
CIELCh	61, 43.865, 316.653
Yxy	28.9556, 0.2936, 0.2344
Android (android.graphics.Color)	4289822920 (0xFFB180C8)
YUV	150.8590, 24.2265, 22.9257
Hunter-Lab	53.8104, 26.1665, -26.5922

# Details

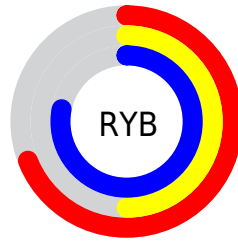
The Hex color **B180C8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **97C880**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **EAB5FF**, and **7B4E92** is the 20% darker color. If you saturate the color by 10%, you get **AB6CC8**, and if you desaturate by 10%, it is **B794C8**.

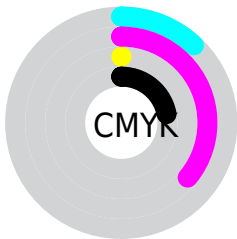
# Distribution



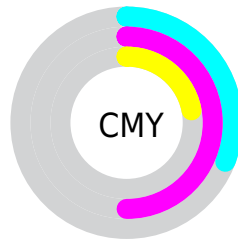
- Red (69%)
- Green (50%)
- Blue (78%)



- Red (69%)
- Yellow (50%)
- Blue (78%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (50%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B180C8 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 B180C8 by changing the saturation by 10% instead.



 B180C8

 B180C8

FFFFFF

 9666AC

 EAB5FF

 7B4E92

 FFD1FF

 613678

 FFEEFF

 481F5F

 300747

 1D0030

 00011A

 000000

 B180C8

 B180C8

 AB6CC8

 B794C8

 A458C8


 BEA8C8

 9E44C8

 C4BCC8

 9730C8

 CBD0C8

 911CC8

 D1E4C8

 8B08C8

 D7F8C8

 8800C8

 DEFFC8

 E4FFC8

 EBFFC8

# Harmonies

## Analogous

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



798FDD



B180C8



D274A5

# Triad

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



B180C8



B98A46



00A6A7

# Complementary

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



B180C8



97C880

# 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.



27A57F



B180C8



959746

# Square

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



B180C8



D27C5C



69A05C



00A3CA

# Rectangle

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



B180C8



DB728B



69A05C



00A69A



# Sweetspot

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



B180C8



F6E3FF



8098C8



7A6F80



000000



808080



# Same Dimension

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



B180C8



DC91FF



C880BC



605A63



6F00A3



180024



# Inverse Universe

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



C88097



FF91B4



80C88C



635A5D



A30034



24000B



# Previews

## White Background



This preview shows how the Hex color B180C8 looks on a white background.

## Color Contrast Check

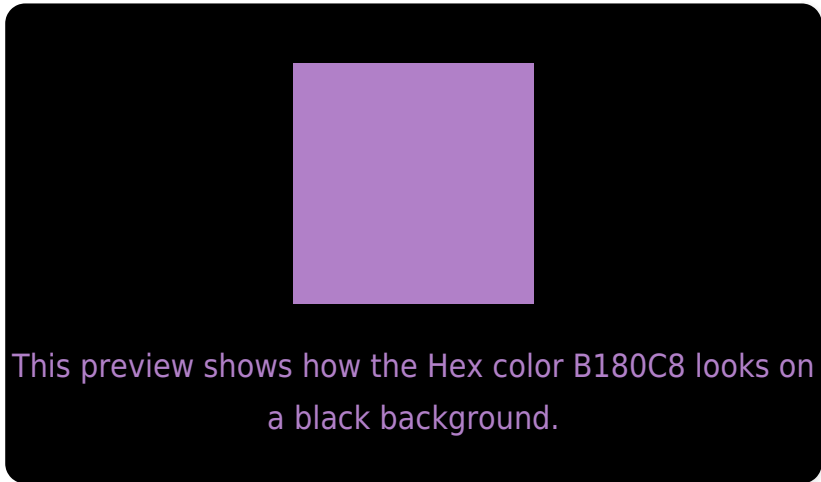
Large Text (above 18pt) WCAG AA ✓ Pass

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

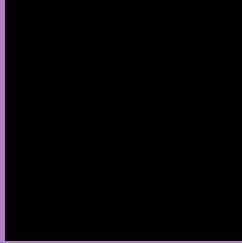
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B180C8 Background



This preview shows how black text looks on a background with the Hex color B180C8.

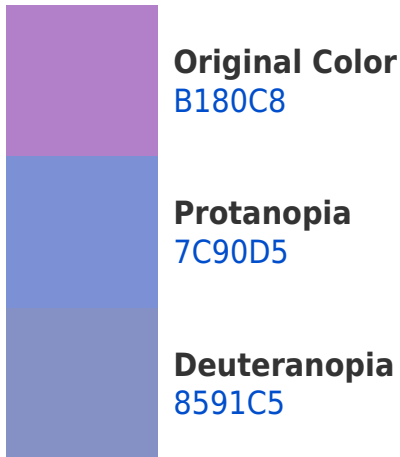



This preview shows how white text looks on a background with the Hex color B180C8.

# 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**  
A98A95

# Trichromacy



**Original Color**  
B180C8

**Protanomaly**  
8F8AD0

**Deuteranomaly**  
958BC6

**Tritanomaly**  
AC86A8

# Monochromacy



**Original Color**  
B180C8

**Achromatopsia**  
979797

**Achromatomaly**  
A08FA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B180C8 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 #B180C8 looks like.

```
.text, #text, p{  
    color:#B180C8  
}
```

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 #B180C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B180C8
}
```

## Border

The CSS property to change the border of an element to Hex B180C8 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
#B180C8 }
```

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

```
.border{ border-color:#B180C8 }
```

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

Here you see how a box with a 4 pixel #B180C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B180C8; -webkit-box-shadow:4px 4px  
4px 4px #B180C8; box-shadow:4px 4px 4px  
4px #B180C8 }
```

# Background

The CSS property to change the background color of an element to Hex B180C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B180C8 }
```

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

```
.background{ background-color:#B180C8 }
```

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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