

Converting Colors

Hex(B178B7)

Have a look what the booklet for
Hex(B178B7) contains.

Hex(B178B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B178B7)

Conversions

Conversions Part 1

Format	Color
Hex	B178B7
RGB	177, 120, 183
RGB Percent	69%, 47%, 72%
CMY	0.3059, 0.5294, 0.2824
CMYK	0.03, 0.34, 0.00, 0.28
HSL	294°, 30%, 59%
HSV	294°, 34%, 72%
XYZ	33.3952, 26.1990, 48.0965
YIQ	144.2250, 13.7490, 31.6770

Conversions

Conversions Part 2

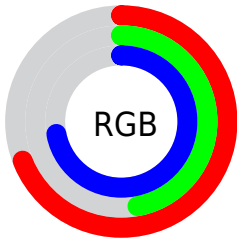
Format	Color
RYB	177, 120, 183
Decimal	11630775
CIELab	58.23, 32.88, -24.34
CIELCh	58, 40.911, 323.488
Yxy	26.1990, 0.3101, 0.2433
Android (android.graphics.Color)	4289820855 (0xFFB178B7)
YUV	144.2250, 19.1161, 28.7437
Hunter-Lab	51.1849, 26.8873, -19.8831

Details

The Hex color **B178B7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7EB778**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **EAADEF**, and **7B4682** is the 20% darker color. If you saturate the color by 10%, you get **AF66B7**, and if you desaturate by 10%, it is **B38AB7**.

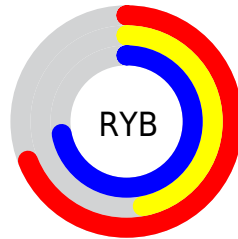
Distribution



Red (69%)

Green (47%)

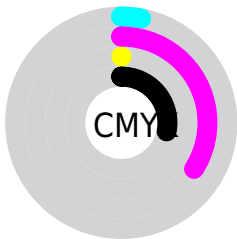
Blue (72%)



Red (69%)

Yellow (47%)

Blue (72%)

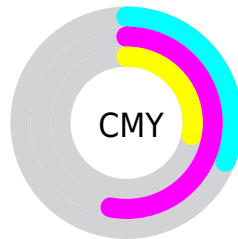


Cyan (3%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (53%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B178B7 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 B178B7 by changing the saturation by 10% instead.

 B178B7

 B178B7

FFFFFF

 965F9C

 EAADEF

 7B4682

 FFC9FF

 622E69

 FFE5FF

 491650

 310039

 1D0023

 00000A

 000000

 B178B7

 B178B7

 AF66B7

 B38AB7

 AE53B7

 B49DB7

 AC41B7

 B6AFB7

 AA2FB7

 B8C1B7

 A81DB7

 BAD4B7

 A70AB7

 BBE6B7

 A600B7

 BDF8B7

 BFFFB7

 C1FFB7

Harmonies

Analogous

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



8386CE



B178B7



CB6F95

Triad

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



B178B7



A98743



009EA7

Complementary

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



B178B7



7EB778

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.



149E83



B178B7



869248

Square

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



B178B7



C37A53



5B9A60



009AC5

Rectangle

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



B178B7



D06F7D



5B9A60



009E9B

Sweetspot

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



B178B7



EBD5ED



787EB7



766978



F7F7F7



787878

Same Dimension

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



B178B7



E48CED



B7789E



5B535C



8D009C



19001C

Inverse Universe

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



B7787E



ED8C95



78B791



5C5353



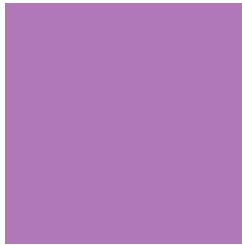
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color B178B7 looks on a white background.

Color Contrast Check

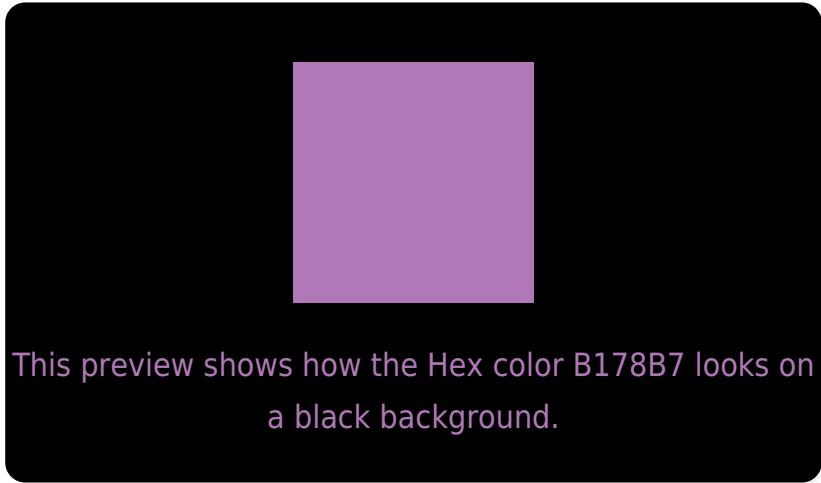
Large Text (above 18pt) WCAG AA ✓ Pass

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

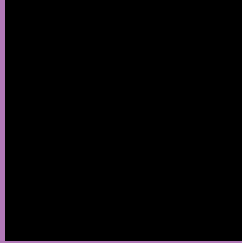
Any Text WCAG AA ✓ Pass

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 B178B7 Background



This preview shows how black text looks on a background with the Hex color B178B7.

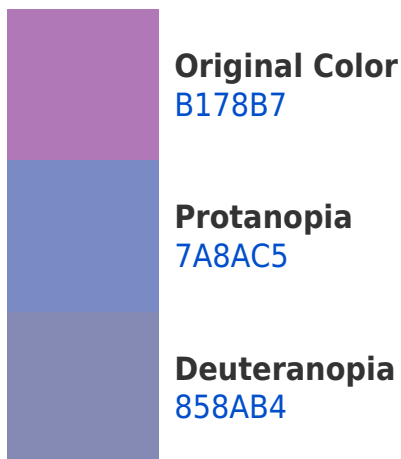


This preview shows how white text looks on a background with the Hex color B178B7.

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](#).

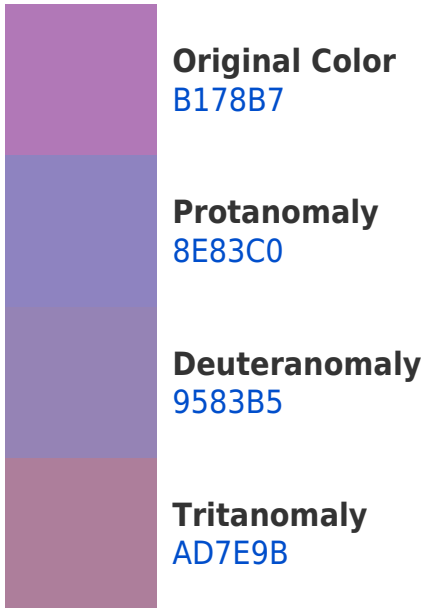
Dichromacy





Tritanopia
AB818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B178B7 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 #B178B7 looks like.

```
.text, #text, p{  
    color:#B178B7  
}
```

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 #B178B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B178B7
}
```

Border

The CSS property to change the border of an element to Hex B178B7 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
#B178B7 }
```

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

```
.border{ border-color:#B178B7 }
```

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

Here you see how a box with a 4 pixel #B178B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B178B7; -webkit-box-shadow:4px 4px  
4px 4px #B178B7; box-shadow:4px 4px 4px  
4px #B178B7 }
```

Background

The CSS property to change the background color of an element to Hex B178B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B178B7 }
```

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

```
.background{ background-color:#B178B7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor