

Converting Colors

Hex(B780C0)

Have a look what the booklet for
Hex(B780C0) contains.

Hex(B780C0)	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(B780C0)

Conversions

Conversions Part 1

Format	Color
Hex	B780C0
RGB	183, 128, 192
RGB Percent	72%, 50%, 75%
CMY	0.2824, 0.4980, 0.2471
CMYK	0.05, 0.33, 0.00, 0.25
HSL	292°, 34%, 63%
HSV	292°, 33%, 75%
XYZ	36.7620, 29.3114, 53.5893
YIQ	151.7410, 12.2360, 31.5640

Conversions

Conversions Part 2

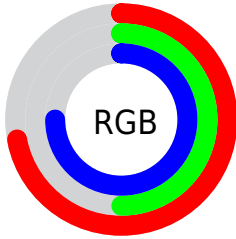
Format	Color
RYB	183, 128, 192
Decimal	12026048
CIELab	61.06, 32.16, -25.05
CIELCh	61, 40.769, 322.083
Yxy	29.3114, 0.3072, 0.2450
Android (android.graphics.Color)	4290216128 (0xFFB780C0)
YUV	151.7410, 19.8477, 27.4141
Hunter-Lab	54.1400, 26.4597, -20.7889

Details

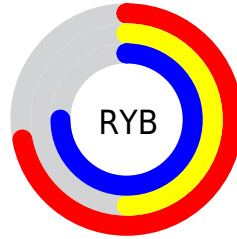
The Hex color **B780C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89C080**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **F0B6F9**, and **814E8A** is the 20% darker color. If you saturate the color by 10%, you get **B46DC0**, and if you desaturate by 10%, it is **BA93C0**.

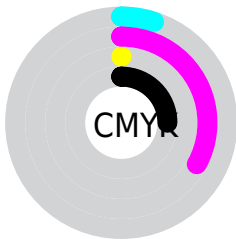
Distribution



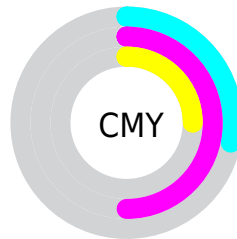
- Red (72%)
- Green (50%)
- Blue (75%)



- Red (72%)
- Yellow (50%)
- Blue (75%)



- Cyan (5%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color B780C0 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 B780C0 by changing the saturation by 10% instead.

 B780C0

 B780C0

FFFFFF

 9C66A5

 F0B6F9

 814E8A

 FFD1FF

 673671

 FFEEFF

 4E1E58

 360540

 22002A

 000114

 000000

 B780C0

 B780C0

 B46DC0

 BA93C0

 B25AC0

 BCA6C0

 AF46C0

 BFBAC0

 AC33C0

 C2CDC0

 AA20C0

 C5E0C0

 A70DC0

 C7F3C0

 A500C0

 CAFFC0

 CDFFC0

 CFFFC0

Harmonies

Analogous

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



888ED6



B780C0



D2779E

Triad

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



B780C0



B28E4B



00A6AD

Complementary

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



B780C0



89C080

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.



28A588



B780C0



8F994F

Square

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



B780C0



CC815C



65A166



00A2CB

Rectangle

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



B780C0



D87686



65A166



00A6A1

Sweetspot

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



B780C0



F6E1FA



808AC0



7B6E7D



FCFCFC



7D7D7D

Same Dimension

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



B780C0



EC96FA



C080AA



605761



8A00A1



1C0021

Inverse Universe

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



C08089



FA96A4



80C096



615759



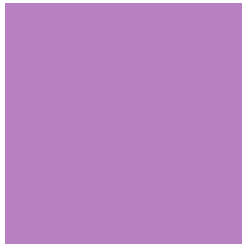
A10017



210005

Previews

White Background



This preview shows how the Hex color B780C0 looks on a white background.

Color Contrast Check

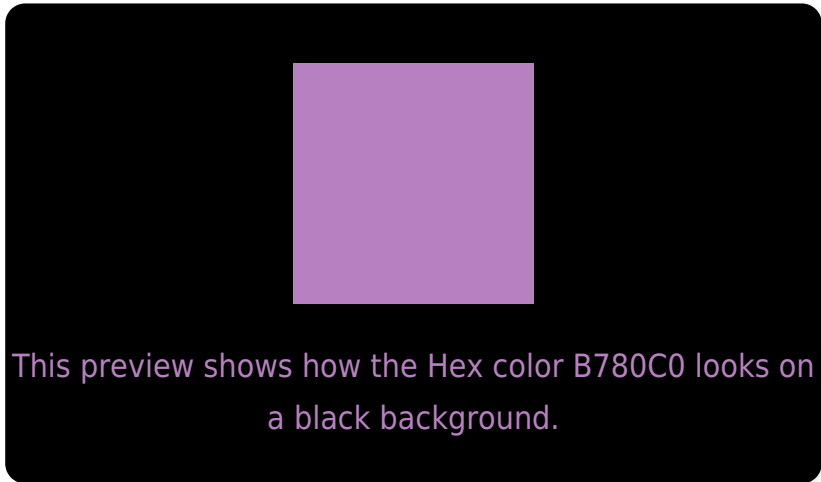
Large Text (above 18pt) WCAG AA ✓ Pass

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 B780C0 Background



This preview shows how black text looks on a background with the Hex color B780C0.

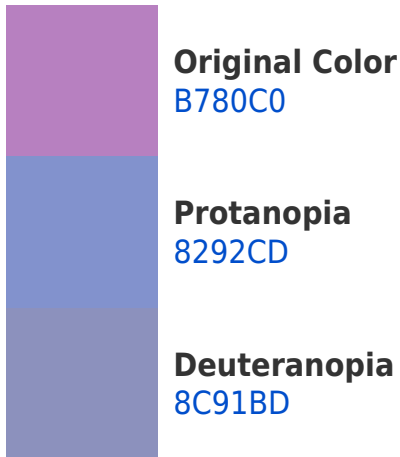


This preview shows how white text looks on a background with the Hex color B780C0.

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](#).

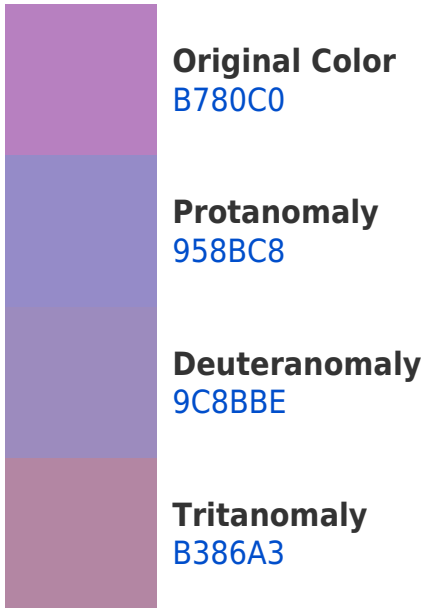
Dichromacy



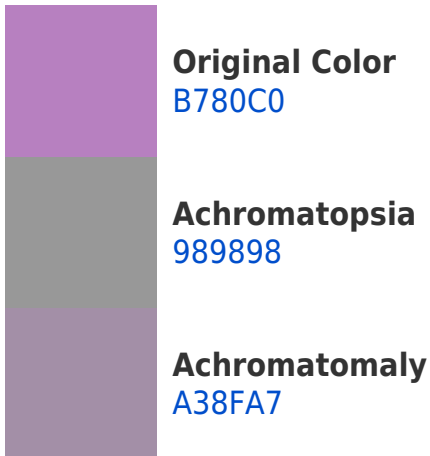


Tritanopia
B18993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B780C0 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 #B780C0 looks like.

```
.text, #text, p{  
    color:#B780C0  
}
```

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 #B780C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B780C0
}
```

Border

The CSS property to change the border of an element to Hex B780C0 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
#B780C0 }
```

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

```
.border{ border-color:#B780C0 }
```

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

Here you see how a box with a 4 pixel #B780C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B780C0; -webkit-box-shadow:4px 4px  
4px 4px #B780C0; box-shadow:4px 4px 4px  
4px #B780C0 }
```

Background

The CSS property to change the background color of an element to Hex B780C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B780C0 }
```

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

```
.background{ background-color:#B780C0 }
```

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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