

Converting Colors

Hex(B785BC)

Have a look what the booklet for
Hex(B785BC) contains.

Hex(B785BC)	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(B785BC)

Conversions

Conversions Part 1

Format	Color
Hex	B785BC
RGB	183, 133, 188
RGB Percent	72%, 52%, 74%
CMY	0.2824, 0.4784, 0.2627
CMYK	0.03, 0.29, 0.00, 0.26
HSL	295°, 29%, 63%
HSV	295°, 29%, 74%
XYZ	36.9931, 30.4732, 51.5091
YIQ	154.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

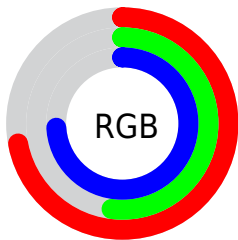
Format	Color
RYB	183, 133, 188
Decimal	12027324
CIELab	62.06, 28.59, -21.25
CIELCh	62, 35.625, 323.380
Yxy	30.4732, 0.3109, 0.2561
Android (android.graphics.Color)	4290217404 (0xFFB785BC)
YUV	154.2200, 16.6535, 25.2401
Hunter-Lab	55.2025, 23.0145, -16.6814

Details

The Hex color **B785BC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ABC85**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F0BBF4**, and **815387** is the 20% darker color. If you saturate the color by 10%, you get **B572BC**, and if you desaturate by 10%, it is **B998BC**.

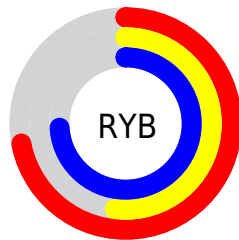
Distribution



Red (72%)

Green (52%)

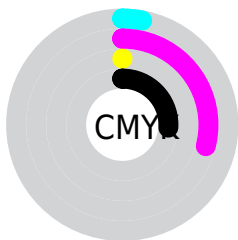
Blue (74%)



Red (72%)

Yellow (52%)

Blue (74%)

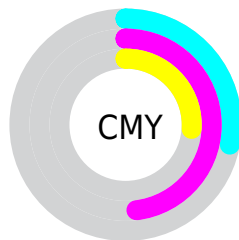


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (28%)

Magenta (48%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color B785BC 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 B785BC by changing the saturation by 10% instead.

 B785BC

 B785BC

FFFFFF

 9C6BA1

 F0BBF4

 815387

 FFD7FF

 673B6D

 FFF3FF

 4F2455

 370C3D

 230027

 000111

 000000

 B785BC

 B785BC

 B572BC

 B998BC

 B45FBC

 BAABBC

 B24DBC

 BCBDBC

 B03ABC

 BED0BC

 AE27BC

 C0E3BC

 AD14BC

 C1F6BC

 AB01BC

 C3FFBC

 AB00BC

 C5FFBC

 C6FFBC

Harmonies

Analogous

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



8F90D0



B785BC



CE7E9E

Triad

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



B785BC



B19257



00A6AE

Complementary

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



B785BC



8ABC85

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.



41A68E



B785BC



919C5B

Square

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



B785BC



C88764



6DA36F



17A3C8

Rectangle

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



B785BC



D37D89



6DA36F



1BA7A3

Sweetspot

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



B785BC



F3DFF5



858BBC



796D7A



FAFAFA



7A7A7A

Same Dimension

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



B785BC



ED9FF5



BC85A6



5D555E



90009E



1C001F

Inverse Universe

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



BC858A



F59FA7



85BC9B



5E5556



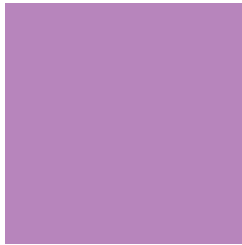
9E000E



1F0003

Previews

White Background



This preview shows how the Hex color B785BC looks on a white background.

Color Contrast Check

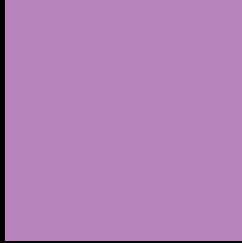
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color B785BC looks on a 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 ✓ Pass

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

Hex B785BC Background



This preview shows how black text looks on a background with the Hex color B785BC.

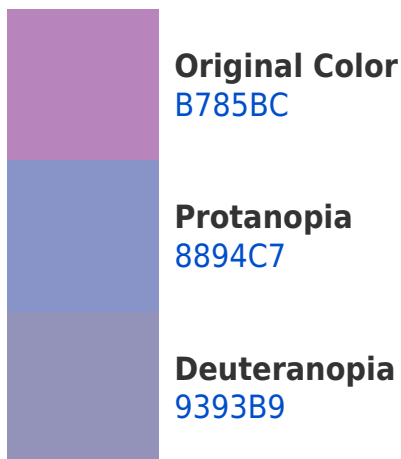


This preview shows how white text looks on a background with the Hex color B785BC.

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](#).

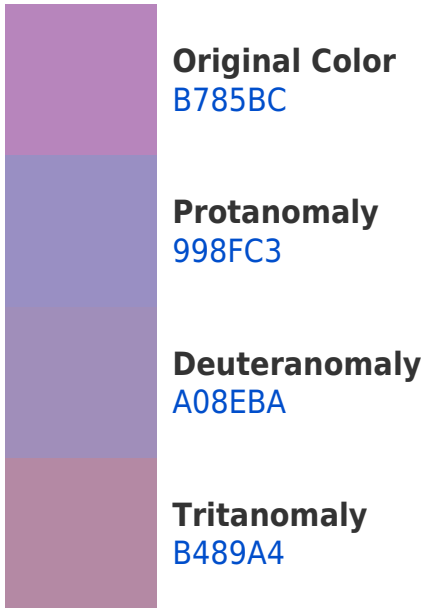
Dichromacy



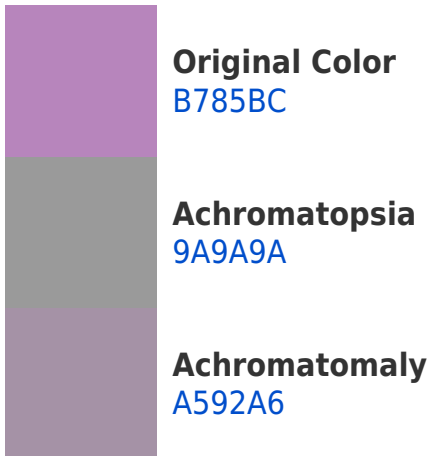


Tritanopia
B28C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B785BC 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 #B785BC looks like.

```
.text, #text, p{  
    color:#B785BC  
}
```

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 #B785BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B785BC
}
```

Border

The CSS property to change the border of an element to Hex B785BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

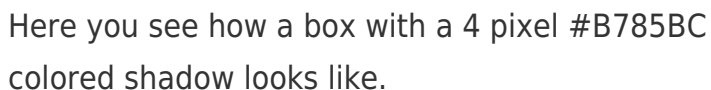
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B785BC }
```

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

```
.border{ border-color:#B785BC }
```

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



Here you see how a box with a 4 pixel #B785BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B785BC; -webkit-box-shadow:4px 4px  
4px 4px #B785BC; box-shadow:4px 4px 4px  
4px #B785BC }
```

Background

The CSS property to change the background color of an element to Hex B785BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B785BC }
```

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

```
.background{ background-color:#B785BC }
```

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