

# Converting Colors

Hex(B683BB)

Have a look what the booklet for  
Hex(B683BB) contains.

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# **Color**

**Hex(B683BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B683BB
RGB	182, 131, 187
RGB Percent	71%, 51%, 73%
CMY	0.2863, 0.4863, 0.2667
CMYK	0.03, 0.30, 0.00, 0.27
HSL	295°, 29%, 62%
HSV	295°, 30%, 73%
XYZ	36.3773, 29.7655, 50.8417
YIQ	152.6330, 12.4200, 28.2280

# Conversions

## Conversions Part 2

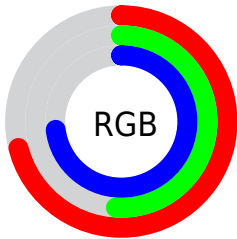
Format	Color
<a href="#">RYB</a>	<a href="#">182, 131, 187</a>
Decimal	<a href="#">11961275</a>
CIELab	<a href="#">61.45, 29.18, -21.62</a>
CIElCh	<a href="#">61, 36.320, 323.460</a>
Yxy	<a href="#">29.7655, 0.3110, 0.2544</a>
Android (android.graphics.Color)	<a href="#">4290151355 (0xFFB683BB)</a>
YUV	<a href="#">152.6330, 16.9429, 25.7549</a>
Hunter-Lab	<a href="#">54.5578, 23.5418, -17.0611</a>

# Details

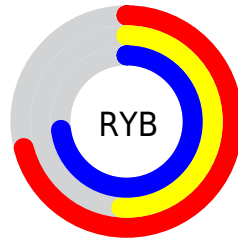
The Hex color **B683BB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **88BB83**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **EFB9F3**, and **805186** is the 20% darker color. If you saturate the color by 10%, you get **B470BB**, and if you desaturate by 10%, it is **B896BB**.

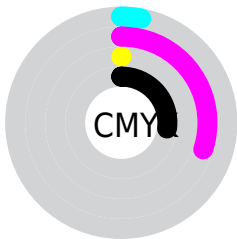
# Distribution



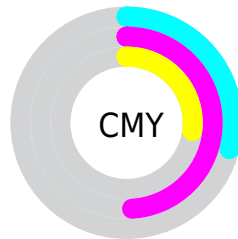
- Red (71%)
- Green (51%)
- Blue (73%)



- Red (71%)
- Yellow (51%)
- Blue (73%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (49%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B683BB 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 B683BB by changing the saturation by 10% instead.



 B683BB

 B683BB

FFFFFF

 9B69A0

 EFB9F3

 805186

 FFD4FF

 66396C

 FFF1FF

 4E2254


 360A3C

 220027

 000110

 000000

 B683BB

 B683BB

 B470BB

 B896BB

 B35EBB

 B9A8BB

 B14BBB

 BBBBBB

 AF38BB

 BDCEBB

 AE25BB

 BEE0BB

 AC13BB

 C0F3BB

 AA00BB

 C2FFBB

 C3FFBB

 C5FFBB

# Harmonies

## Analogous

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



8D8FCF



B683BB



CD7C9D

# Triad

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



B683BB



AF9054



00A5AD

# Complementary

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



B683BB



88BB83

# 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.



3CA58C



B683BB



909A58

# Square

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



B683BB



C78562



6AA16D



00A1C7

# Rectangle

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



B683BB



D37B87



6AA16D



0CA5A2



# Sweetspot

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



B683BB



F0DCF2



8389BB



796D7A



FAFAFA



7A7A7A



# Same Dimension

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



B683BB



EA9BF2



BB83A5



5E555E



90009E



1C001F



# Inverse Universe

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



BB8388



F29BA3



83BB99



5E5556



9E000E

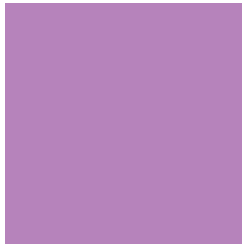


1F0003



# Previews

## White Background



This preview shows how the Hex color B683BB looks on a white background.

## Color Contrast Check

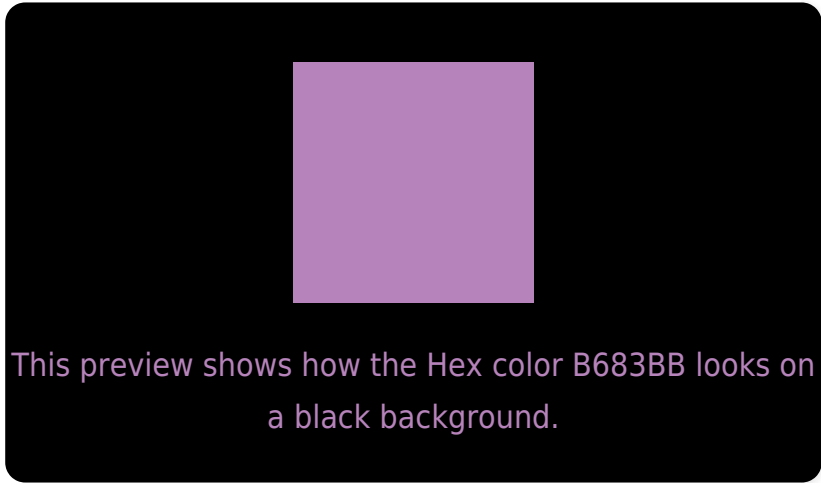
Large Text (above 18pt) WCAG AA ✓ Pass

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

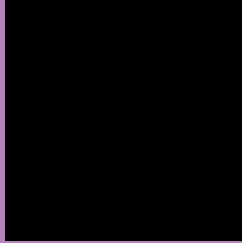
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B683BB Background



This preview shows how black text looks on a background with the Hex color B683BB.



This preview shows how white text looks on a background with the Hex color B683BB.

# 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](#).

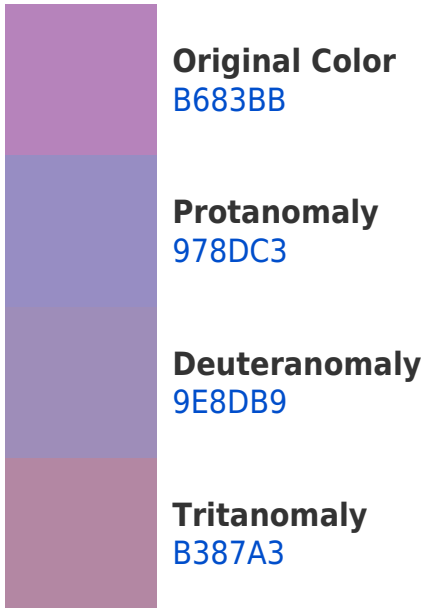
## Dichromacy



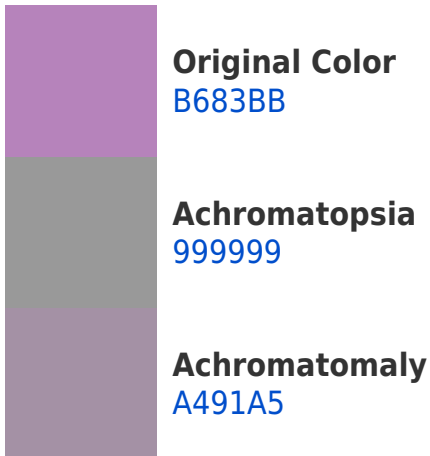


**Tritanopia**  
B18A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B683BB 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 #B683BB looks like.

```
.text, #text, p{  
    color:#B683BB  
}
```

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 #B683BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B683BB
}
```

## Border

The CSS property to change the border of an element to Hex B683BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

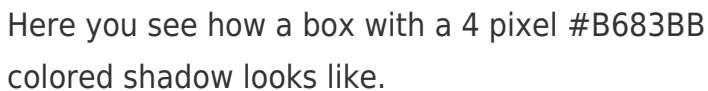
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B683BB }
```

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

```
.border{ border-color:#B683BB }
```

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



Here you see how a box with a 4 pixel #B683BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B683BB; -webkit-box-shadow:4px 4px  
4px 4px #B683BB; box-shadow:4px 4px 4px  
4px #B683BB }
```

# Background

The CSS property to change the background color of an element to Hex B683BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B683BB }
```

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

```
.background{ background-color:#B683BB }
```

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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