

# Converting Colors

Hex(B185BF)

Have a look what the booklet for  
Hex(B185BF) contains.

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# Color

**Hex(B185BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B185BF
RGB	177, 133, 191
RGB Percent	69%, 52%, 75%
CMY	0.3059, 0.4784, 0.2510
CMYK	0.07, 0.30, 0.00, 0.25
HSL	286°, 31%, 64%
HSV	286°, 30%, 75%
XYZ	35.9230, 29.8838, 53.1650
YIQ	152.7680, 7.6060, 27.3660

# Conversions

## Conversions Part 2

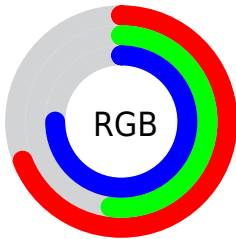
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 133, 191
Decimal	11634111
CIE <sub>Lab</sub>	61.55, 27.22, -23.78
CIE <sub>LCh</sub>	62, 36.143, 318.865
Yxy	29.8838, 0.3019, 0.2512
Android (android.graphics.Color)	4289824191 (0xFFB185BF)
YUV	152.7680, 18.8484, 21.2515
Hunter-Lab	54.6660, 21.6330, -19.3958

# Details

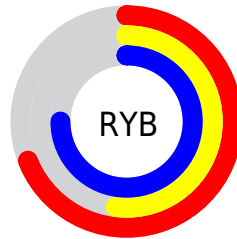
The Hex color **B185BF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **93BF85**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E9BBF8**, and **7C5389** is the 20% darker color. If you saturate the color by 10%, you get **AC72BF**, and if you desaturate by 10%, it is **B698BF**.

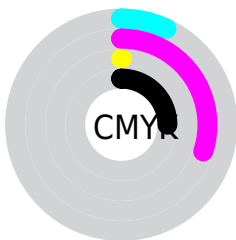
# Distribution



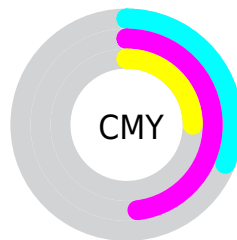
- Red (69%)
- Green (52%)
- Blue (75%)



- Red (69%)
- Yellow (52%)
- Blue (75%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)




- Cyan (31%)
- Magenta (48%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B185BF 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 B185BF by changing the saturation by 10% instead.



 B185BF

 B185BF

FFFFFF

 966BA4

 E9BBF8

 7C5389

 FFD6FF

 623B70

 FFF3FF

 492457

 320E40

 1F002A

 000114

 000000

 B185BF

 B185BF

AC72BF

B698BF

A85FBF

BAABBF

A34CBF

BFBEBF

9F39BF

C3D1BF

9A26BF

C8E5BF

9512BF

CDF8BF

9100BF

D1FFBF

D6FFBF

DAFFBF

# Harmonies

## Analogous

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



8691D1



B185BF



CB7DA2

# Triad

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



B185BF



B48F56



00A6A8

# Complementary

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



B185BF



93BF85

# 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.



45A587



B185BF



959957

# Square

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



B185BF



CA8466



71A169



00A2C4

# Rectangle

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



B185BF



D27B8C



71A169



1EA69D



# Sweetspot

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



B185BF



F2E1F7



8594BF



7A6F7D



FCFCFC



7D7D7D



# Same Dimension

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



B185BF



E29EF7



BF85B1



5C555E



78009E



17001F



# Inverse Universe

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



BF8593



F79EB4



85BF94



5E5557



9E0026

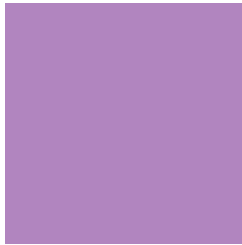


1F0007



# Previews

## White Background



This preview shows how the Hex color B185BF looks on a white background.

## Color Contrast Check

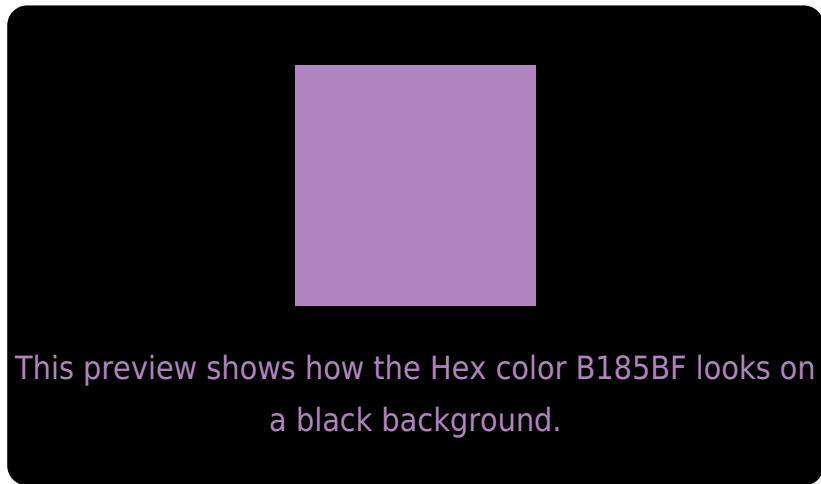
Large Text (above 18pt) WCAG AA ✓ Pass

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

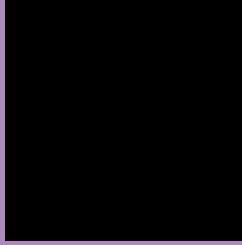
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B185BF Background



This preview shows how black text looks on a background with the Hex color B185BF.

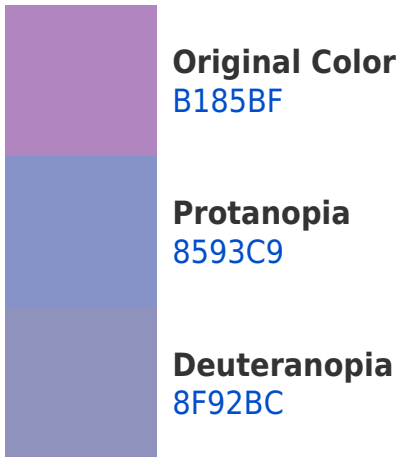



This preview shows how white text looks on a background with the Hex color B185BF.

# 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](#).

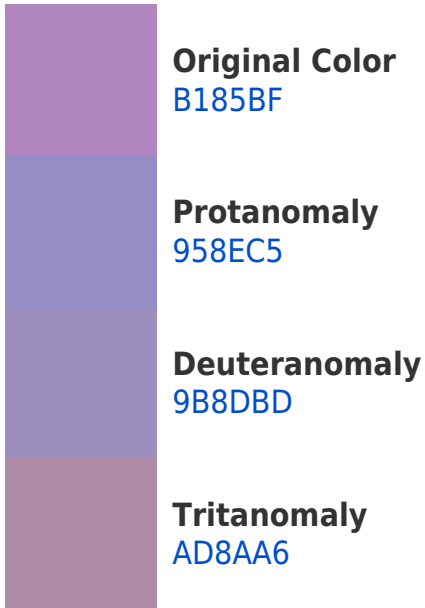
## Dichromacy



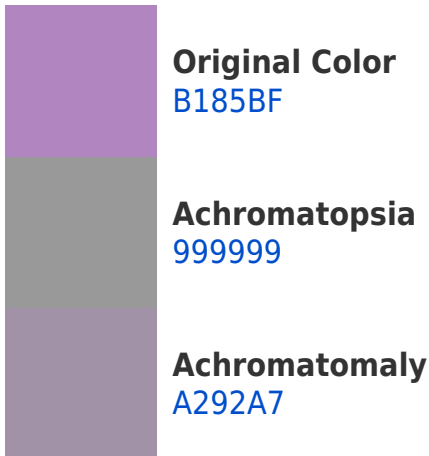


**Tritanopia**  
AB8D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B185BF 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 #B185BF looks like.

```
.text, #text, p{  
    color:#B185BF  
}
```

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 #B185BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B185BF
}
```

## Border

The CSS property to change the border of an element to Hex B185BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

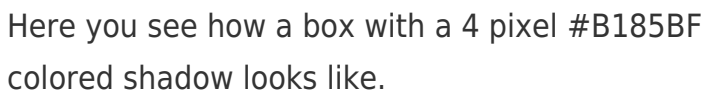
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B185BF }
```

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

```
.border{ border-color:#B185BF }
```

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



Here you see how a box with a 4 pixel #B185BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B185BF; -webkit-box-shadow:4px 4px  
4px 4px #B185BF; box-shadow:4px 4px 4px  
4px #B185BF }
```

# Background

The CSS property to change the background color of an element to Hex B185BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B185BF }
```

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

```
.background{ background-color:#B185BF }
```

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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