

# Converting Colors

Hex(B85BC1)

Have a look what the booklet for  
Hex(B85BC1) contains.

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# Color

Hex(**B85BC1**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B85BC1
RGB	184, 91, 193
RGB Percent	72%, 36%, 76%
CMY	0.2784, 0.6431, 0.2431
CMYK	0.05, 0.53, 0.00, 0.24
HSL	295°, 45%, 56%
HSV	295°, 53%, 76%
XYZ	33.1339, 21.5228, 52.8600
YIQ	130.4350, 22.6860, 51.4380

# Conversions

## Conversions Part 2

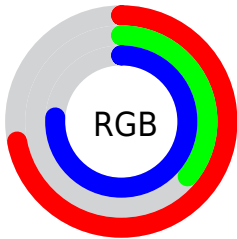
Format	Color
<a href="#">RYB</a>	<a href="#">184, 91, 193</a>
Decimal	<a href="#">12082113</a>
CIELab	<a href="#">53.52, 52.25, -37.33</a>
CIELCh	<a href="#">54, 64.219, 324.458</a>
Yxy	<a href="#">21.5228, 0.3082, 0.2002</a>
Android (android.graphics.Color)	<a href="#">4290272193 (0xFFB85BC1)</a>
YUV	<a href="#">130.4350, 30.8445, 46.9765</a>
Hunter-Lab	<a href="#">46.3926, 46.2986, -35.0805</a>

# Details

The Hex color **B85BC1** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **64C15B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F291FA**, and **80258B** is the 20% darker color. If you saturate the color by 10%, you get **B648C1**, and if you desaturate by 10%, it is **BA6EC1**.

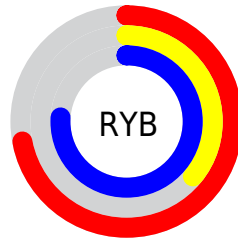
# Distribution



Red (72%)

Green (36%)

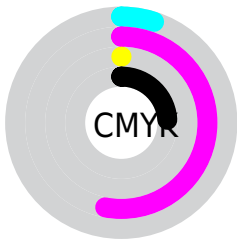
Blue (76%)



Red (72%)

Yellow (36%)

Blue (76%)

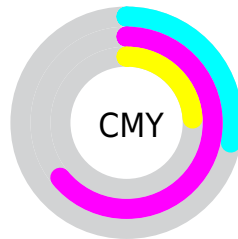


Cyan (5%)

Magenta (53%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (64%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B85BC1 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 B85BC1 by changing the saturation by 10% instead.



 B85BC1

 B85BC1

FFFFFF

 9C40A6

 F291FA

 80258B

 FFACFF

 650071

 FFC9FF

 4B0058

 FFE5FF

 320040

 170029

 000113

 000000

 B85BC1

 B85BC1

 B648C1

 BA6EC1

 B534C1

 BB82C1

 B321C1

 BD95C1

 B10EC1

 BFA8C1

 B000C1

 C1BBC1

 C2CFC1

 C4E2C1

 C6F5C1

 C7FFC1

# Harmonies

## Analogous

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



6976E5



B85BC1



DC468D

# Triad

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



B85BC1



A27A00



0099AC

# Complementary

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



B85BC1



64C15B

# 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.



009873



B85BC1



6E8A00

# Square

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



B85BC1



CA6323



0D943B



0095D9

# Rectangle

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



B85BC1



E24668



0D943B



00999A



# Sweetspot

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



B85BC1



F6D2FA



5B65C1



7B657D



FCFCFC



7D7D7D



# Same Dimension

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



B85BC1



EC5CFA



C15B98



605761



9200A1



1E0021



# Inverse Universe

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



C15B64



FA5C6A



5BC184



615758



A1000E

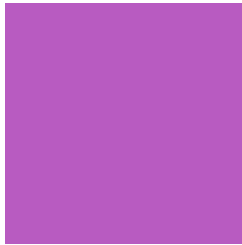


210003



# Previews

## White Background



This preview shows how the Hex color B85BC1 looks on a white background.

## Color Contrast Check

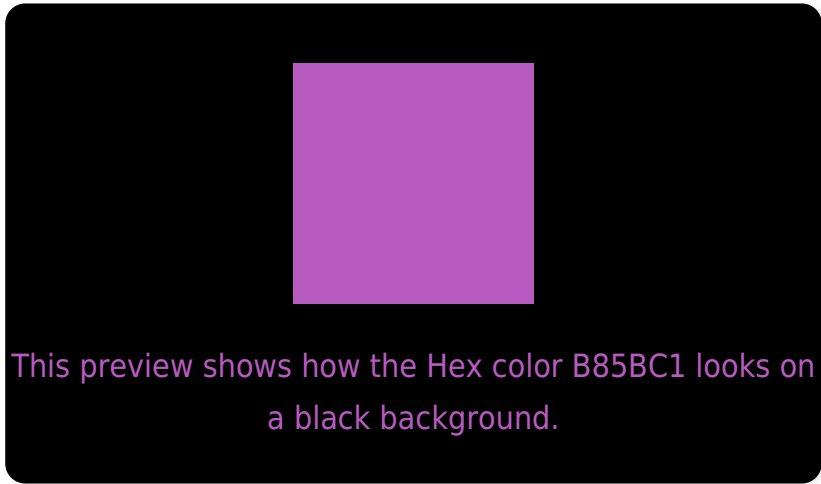
Large Text (above 18pt) WCAG AA ✓ Pass

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

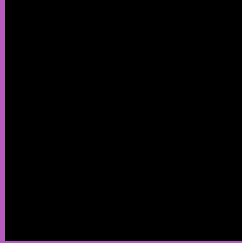
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B85BC1 Background



This preview shows how black text looks on a background with the Hex color B85BC1.

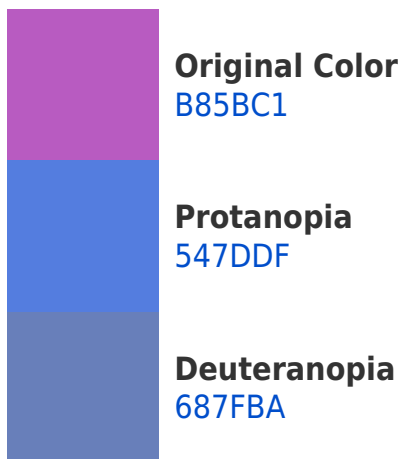


This preview shows how white text looks on a background with the Hex color B85BC1.

# 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](#).

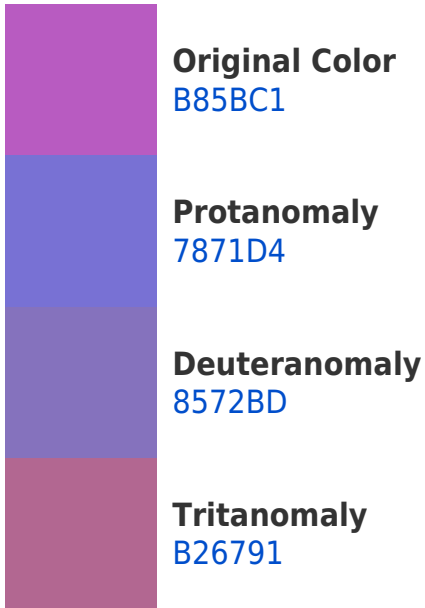
## Dichromacy



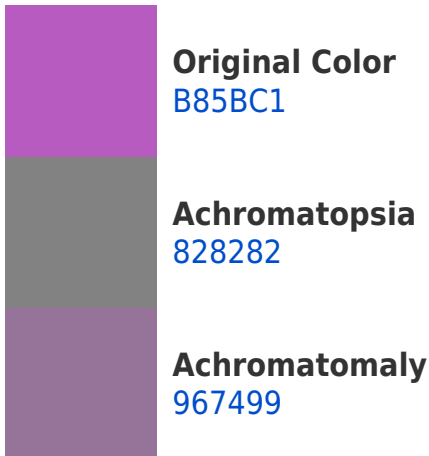


**Tritanopia**  
AE6E76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B85BC1 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 #B85BC1 looks like.

```
.text, #text, p{  
    color:#B85BC1  
}
```

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 #B85BC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B85BC1
}
```

## Border

The CSS property to change the border of an element to Hex B85BC1 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
#B85BC1 }
```

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

```
.border{ border-color:#B85BC1 }
```

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

Here you see how a box with a 4 pixel #B85BC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B85BC1; -webkit-box-shadow:4px 4px  
4px 4px #B85BC1; box-shadow:4px 4px 4px  
4px #B85BC1 }
```

# Background

The CSS property to change the background color of an element to Hex B85BC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B85BC1 }
```

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

```
.background{ background-color:#B85BC1 }
```

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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