

# Converting Colors

Hex(BC48CB)

Have a look what the booklet for  
Hex(BC48CB) contains.

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# Color

Hex(**BC48CB**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC48CB
RGB	188, 72, 203
RGB Percent	74%, 28%, 80%
CMY	0.2627, 0.7176, 0.2039
CMYK	0.07, 0.65, 0.00, 0.20
HSL	293°, 56%, 54%
HSV	293°, 65%, 80%
XYZ	33.8359, 19.6379, 58.5071
YIQ	121.6180, 27.0850, 65.3330

# Conversions

## Conversions Part 2

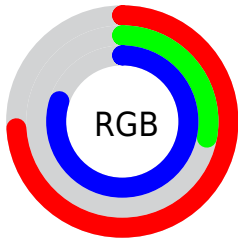
Format	Color
<a href="#">RYB</a>	<a href="#">188, 72, 203</a>
Decimal	<a href="#">12339403</a>
CIELab	<a href="#">51.43, 63.74, -46.35</a>
CIELCh	<a href="#">51, 78.807, 323.977</a>
Yxy	<a href="#">19.6379, 0.3022, 0.1754</a>
Android (android.graphics.Color)	<a href="#">4290529483</a> ( <a href="#">0xFFBC48CB</a> )
YUV	<a href="#">121.6180, 40.1213, 58.2170</a>
Hunter-Lab	<a href="#">44.3147, 58.7407, -47.2582</a>

# Details

The Hex color **BC48CB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted purple. A complement of this color would be **57CB48**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F780FF**, and **830094** is the 20% darker color. If you saturate the color by 10%, you get **BA34CB**, and if you desaturate by 10%, it is **BE5CCB**.

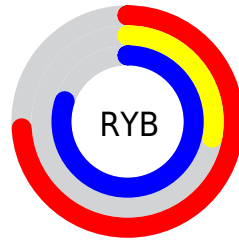
# Distribution



Red (74%)

Green (28%)

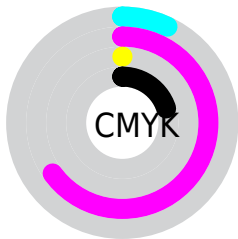
Blue (80%)



Red (74%)

Yellow (28%)

Blue (80%)

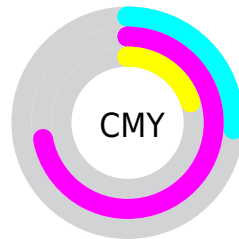


Cyan (7%)

Magenta (65%)

Yellow (0%)

Black (20%)



Cyan (26%)

Magenta (72%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC48CB 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 BC48CB by changing the saturation by 10% instead.



 BC48CB

 BC48CB

FFFFFF

 9F2AAF

 F780FF

 830094

 FF9CFF

 67007A

 FFB9FF

 4C0060

 FFD6FF

 330048

 FFF3FF

 140031

 00011A

 000000

 BC48CB

 BC48CB

 BA34CB

 BE5CCB

 B71FCB

 C171CB

 B50BCB

 C385CB

 B400CB

 C599CB

 C8AECB

 CAC2CB

 CCD6CB

 CFEACB

 D1FFCB

# Harmonies

## Analogous

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



4C6FF7



BC48CB



E8188B

# Triad

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



BC48CB



A07300



0097B0

# Complementary

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



BC48CB



57CB48

# 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.



00966A



BC48CB



618700

# Square

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



BC48CB



D05300



00911F



0093E8

# Rectangle

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



BC48CB



EE185E



00911F



009799



# Sweetspot

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



BC48CB



F9CFFF



4857CB



7C6280



000000



808080



# Same Dimension

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



BC48CB



E93BFF



CB4899



655C66



9300A6



220026



# Inverse Universe

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



CB4857



FF3B51



48CB7A



665C5D



A60013

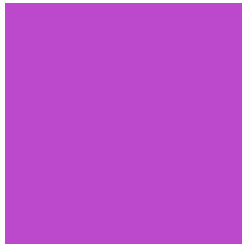


260004



# Previews

## White Background



This preview shows how the Hex color BC48CB looks on a white background.

## Color Contrast Check

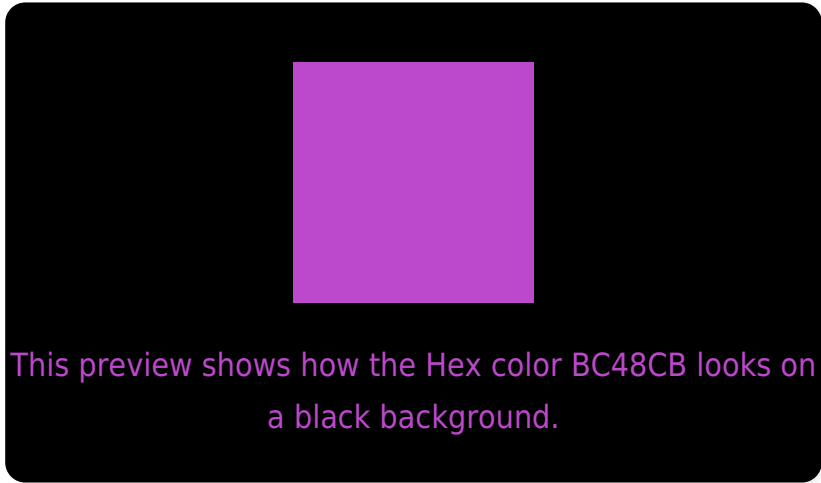
Large Text (above 18pt) WCAG AA ✓ Pass

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

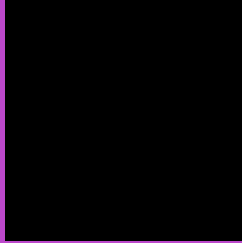
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC48CB Background



This preview shows how black text looks on a background with the Hex color BC48CB.

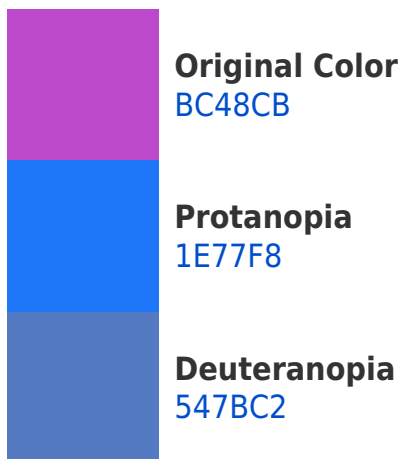



This preview shows how white text looks on a background with the Hex color BC48CB.

# 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**  
B0656C

# Trichromacy



**Original Color**  
BC48CB



**Protanomaly**  
5766E8



**Deuteranomaly**  
7A68C5



**Tritanomaly**  
B45A8F

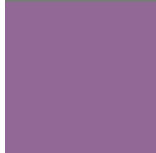
# Monochromacy



**Original Color**  
BC48CB



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
926897

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC48CB 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 #BC48CB looks like.

```
.text, #text, p{  
  color:#BC48CB  
}
```

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 #BC48CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC48CB
}
```

## Border

The CSS property to change the border of an element to Hex BC48CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

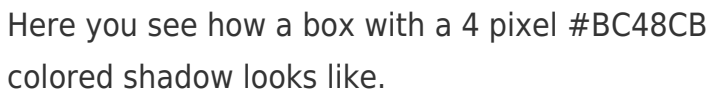
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC48CB }
```

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

```
.border{ border-color:#BC48CB }
```

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



Here you see how a box with a 4 pixel #BC48CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC48CB; -webkit-box-shadow:4px 4px  
4px 4px #BC48CB; box-shadow:4px 4px 4px  
4px #BC48CB }
```

# Background

The CSS property to change the background color of an element to Hex BC48CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC48CB }
```

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

```
.background{ background-color:#BC48CB }
```

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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