

# Converting Colors

Hex(BC07BC)

Have a look what the booklet for  
Hex(BC07BC) contains.

<b>Hex(BC07BC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(BC07BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC07BC
RGB	188, 7, 188
RGB Percent	74%, 3%, 74%
CMY	0.2627, 0.9725, 0.2627
CMYK	0.00, 0.96, 0.00, 0.26
HSL	300°, 93%, 38%
HSV	300°, 96%, 74%
XYZ	29.8921, 14.4742, 48.7953
YIQ	81.7530, 49.7750, 94.6630

# Conversions

## Conversions Part 2

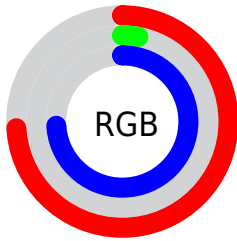
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 7, 188
Decimal	12322748
CIE <sub>Lab</sub>	44.91, 77.50, -48.04
CIE <sub>LCh</sub>	45, 91.183, 328.206
Yxy	14.4742, 0.3209, 0.1554
Android (android.graphics.Color)	4290512828 (0xFFBC07BC)
YUV	81.7530, 52.3798, 93.1786
Hunter-Lab	38.0449, 73.6699, -49.4121

# Details

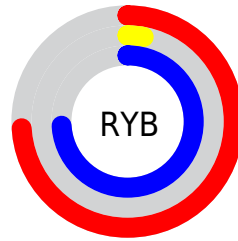
The Hex color **BC07BC** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **07BC07**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **F85AF5**, and **820086** is the 20% darker color. If you saturate the color by 10%, you get **BC00BC**, and if you desaturate by 10%, it is **BC1ABC**.

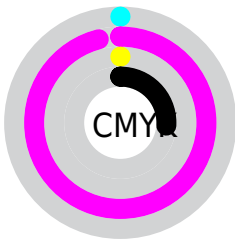
# Distribution



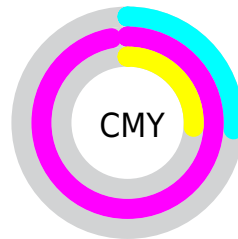
- Red (74%)
- Green (3%)
- Blue (74%)



- Red (74%)
- Yellow (3%)
- Blue (74%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (97%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC07BC 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 BC07BC by changing the saturation by 10% instead.



 BC07BC

 BC07BC

FFFFFF

 9F00A1

 F85AF5

 820086

 FF79FF

 65006C

 FF96FF

 490053

 FFB3FF

 2E003B

 FFD1FF

 050024

 FFEFFF

 00000C

 000000

 BC07BC

 BC07BC

 BC00BC

 BC1ABC

 BC2DBC

 BC3FBC

 BC52BC

 BC65BC

 BC78BC

 BC8BBC

 BC9DBC

 BCB0BC

# Harmonies

## Analogous

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



3E58F3



BC07BC



E50072

# Triad

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



BC07BC



866600



0088B1

# Complementary

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



BC07BC



07BC07

# 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.



008763



BC07BC



377A00

# Square

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



BC07BC



BE4000



008300



0085ED

# Rectangle

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



BC07BC



E70041



008300



008898



# Sweetspot

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



BC07BC



F5AEF5



0707BC



7A507A



FAFAFA



7A7A7A



# Same Dimension

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



BC07BC



F500F5



BC0762



5E555E



9E009E



1F001F



# Inverse Universe

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



BC07BC



F500F5



07BC62



5E555E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color BC07BC looks on a white background.

## Color Contrast Check

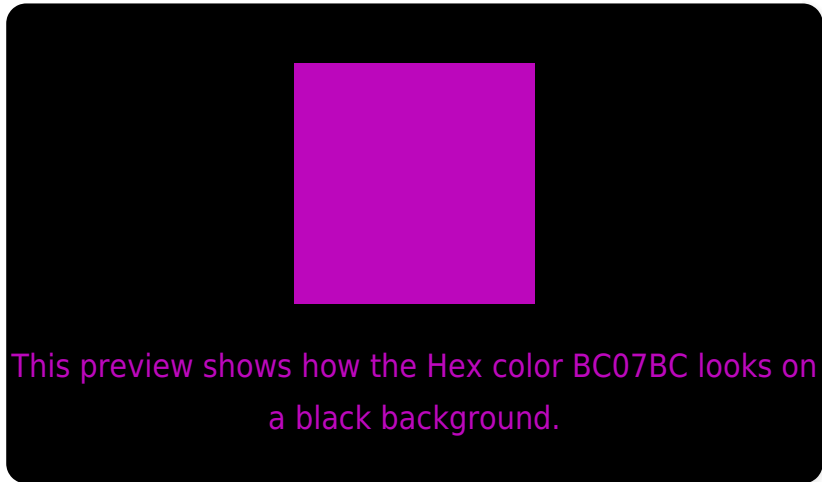
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

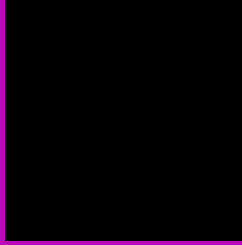
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BC07BC Background



This preview shows how black text looks on a background with the Hex color BC07BC.



This preview shows how white text looks on a background with the Hex color BC07BC.

# 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**  
B04A4F

# Trichromacy



**Original Color**  
BC07BC



**Protanomaly**  
4445D0



**Deuteranomaly**  
6E47B5



**Tritanomaly**  
B43277

# Monochromacy



**Original Color**  
BC07BC



**Achromatopsia**  
525252



**Achromatomaly**  
793779

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC07BC 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 #BC07BC looks like.

```
.text, #text, p{  
    color:#BC07BC  
}
```

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 #BC07BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC07BC }  
}
```

## Border

The CSS property to change the border of an element to Hex BC07BC 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 #BC07BC }  
}
```

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

```
.border{ border-color:#BC07BC }
```

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

Here you see how a box with a 4 pixel #BC07BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC07BC; -webkit-box-shadow:4px 4px  
4px 4px #BC07BC; box-shadow:4px 4px 4px  
4px #BC07BC }
```

# Background

The CSS property to change the background color of an element to Hex BC07BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC07BC }
```

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

```
.background{ background-color:#BC07BC }
```

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**