

# Converting Colors

Hex(BC19BC)

Have a look what the booklet for  
Hex(BC19BC) contains.

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**Color**

**Hex(BC19BC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC19BC
RGB	188, 25, 188
RGB Percent	74%, 10%, 74%
CMY	0.2627, 0.9020, 0.2627
CMYK	0.00, 0.87, 0.00, 0.26
HSL	300°, 77%, 42%
HSV	300°, 87%, 74%
XYZ	30.1638, 15.0175, 48.8858
YIQ	92.3190, 44.8250, 85.2490

# Conversions

## Conversions Part 2

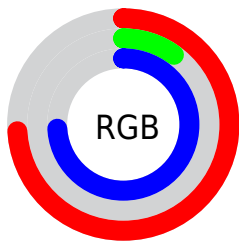
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 25, 188
Decimal	12327356
CIE <sub>Lab</sub>	45.66, 75.28, -46.84
CIE <sub>LCh</sub>	46, 88.664, 328.112
Yxy	15.0175, 0.3207, 0.1596
Android (android.graphics.Color)	4290517436 (0xFFBC19BC)
YUV	92.3190, 47.1707, 83.9122
Hunter-Lab	38.7524, 71.1228, -47.6672

# Details

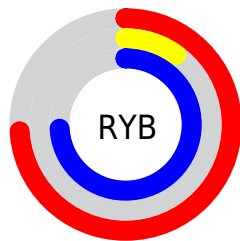
The Hex color **BC19BC** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **19BC19**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **F860F5**, and **820086** is the 20% darker color. If you saturate the color by 10%, you get **BC06BC**, and if you desaturate by 10%, it is **BC2CBC**.

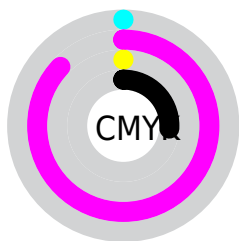
# Distribution



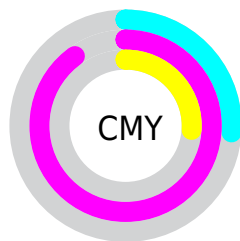
- Red (74%)
- Green (10%)
- Blue (74%)



- Red (74%)
- Yellow (10%)
- Blue (74%)



- Cyan (0%)
- Magenta (87%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (90%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC19BC 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 BC19BC by changing the saturation by 10% instead.



 BC19BC

 BC19BC

FFFFFF

 9F00A1

 F860F5

 820086

 FF7EFF

 66006C

 FF9BFF

 4A0053

 FFB8FF

 2F003B

 FFD6FF

 080024

 FFF4FF

 00000C

 000000

 BC19BC

 BC19BC

 BC06BC

 BC2CBC

 BC00BC

 BC3FBC

 BC51BC

 BC64BC

 BC77BC

 BC8ABC

 BC9DBC

 BCAFBC

 BCC2BC

# Harmonies

## Analogous

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



455AF2



BC19BC



E40074

# Triad

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



BC19BC



886800



0089B1

# Complementary

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



BC19BC



19BC19

# 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.



008865



BC19BC



3C7B00

# Square

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



BC19BC



BF4300



008408



0086EC

# Rectangle

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



BC19BC



E60044



008408



008999



# Sweetspot

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



BC19BC



F5B5F5



1919BC



7A547A



FAFAFA



7A7A7A



# Same Dimension

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



BC19BC



F500F5



BC196A



5E555E



9E009E



1F001F



# Inverse Universe

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



BC19BC



F500F5



19BC6A



5E555E



9E009E

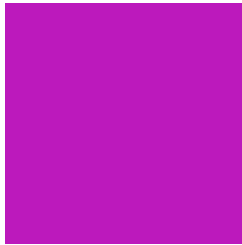


1F001F



# Previews

## White Background



This preview shows how the Hex color BC19BC looks on a white background.

## Color Contrast Check

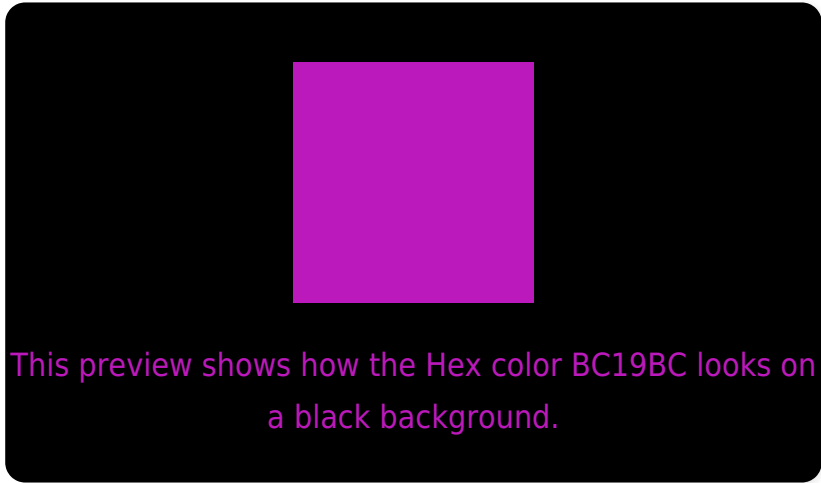
Large Text (above 18pt) WCAG AA ✓ Pass

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

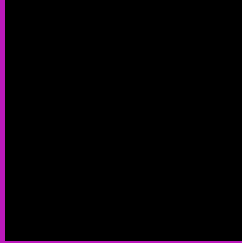
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BC19BC Background



This preview shows how black text looks on a background with the Hex color BC19BC.



This preview shows how white text looks on a background with the Hex color BC19BC.

# 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**  
B04C51

# Trichromacy



**Original Color**  
BC19BC



**Protanomaly**  
444CD2



**Deuteranomaly**  
704FB5



**Tritanomaly**  
B43978

# Monochromacy



**Original Color**  
BC19BC



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
7F447F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC19BC 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 #BC19BC looks like.

```
.text, #text, p{  
    color:#BC19BC  
}
```

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 #BC19BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC19BC
}
```

## Border

The CSS property to change the border of an element to Hex BC19BC 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
#BC19BC }
```

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

```
.border{ border-color:#BC19BC }
```

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

Here you see how a box with a 4 pixel #BC19BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC19BC; -webkit-box-shadow:4px 4px  
4px 4px #BC19BC; box-shadow:4px 4px 4px  
4px #BC19BC }
```

# Background

The CSS property to change the background color of an element to Hex BC19BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC19BC }
```

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

```
.background{ background-color:#BC19BC }
```

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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