

Converting Colors

Hex(BC00CA)

Have a look what the booklet for
Hex(BC00CA) contains.

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Color

Hex(BC00CA)

Conversions

Conversions Part 1

Format	Color
Hex	BC00CA
RGB	188, 0, 202
RGB Percent	74%, 0%, 79%
CMY	0.2627, 1.0000, 0.2078
CMYK	0.07, 1.00, 0.00, 0.21
HSL	296°, 100%, 40%
HSV	296°, 100%, 79%
XYZ	31.3997, 14.9556, 57.1089
YIQ	79.2400, 47.2060, 102.6780

Conversions

Conversions Part 2

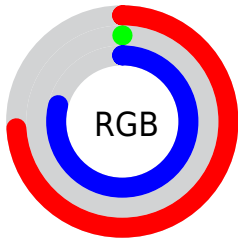
Format	Color
RYB	188, 0, 202
Decimal	12320970
CIELab	45.57, 80.24, -55.13
CIELCh	46, 97.358, 325.510
Yxy	14.9556, 0.3035, 0.1445
Android (android.graphics.Color)	4290511050 (0xFFBC00CA)
YUV	79.2400, 60.5207, 95.3825
Hunter-Lab	38.6725, 77.2541, -60.4846

Details

The Hex color **BC00CA** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **0ECA00**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **F85AFF**, and **810093** is the 20% darker color. If you saturate the color by 10%, you get **BC00CA**, and if you desaturate by 10%, it is **BD14CA**.

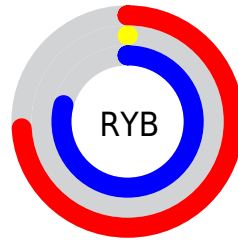
Distribution



Red (74%)

Green (0%)

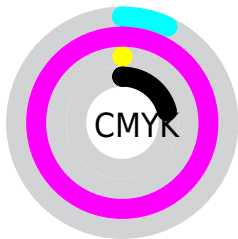
Blue (79%)



Red (74%)

Yellow (0%)

Blue (79%)

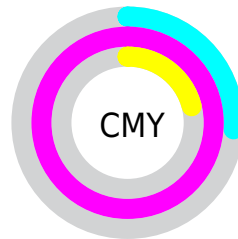


Cyan (7%)

Magenta (100%)

Yellow (0%)

Black (21%)



Cyan (26%)

Magenta (100%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC00CA 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 BC00CA by changing the saturation by 10% instead.

 BC00CA

 BC00CA

FFFFFF

 9F00AE

 F85AFF

 810093

 FF78FF

 650078

 FF96FF

 48005F

 FFB3FF

 2C0046

 FFD1FF

 04002F

 FFEFFF

 000119

 000000

 BC00CA

 BD14CA

 BF28CA

 C03DCA

 C251CA

 C365CA

 C479CA

 C68DCA

 C7A2CA

 C9B6CA

Harmonies

Analogous

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



005CFF



BC00CA



ED007C

Triad

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



BC00CA



8E6500



008BB1

Complementary

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



BC00CA



0ECA00

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.



00895D



BC00CA



3C7B00

Square

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



BC00CA



C93700



008500



0089F4

Rectangle

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



BC00CA



F10047



008500



008B96

Sweetspot

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



BC00CA



FAB3FF



0011CA



7C5280



000000



808080

Same Dimension

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



BC00CA



ED00FF



CA0076



655C66



9A00A6



240026

Inverse Universe

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



CA000E



FF0012



00CA54



665C5D



A6000B



260003

Previews

White Background



This preview shows how the Hex color BC00CA looks on a white background.

Color Contrast Check

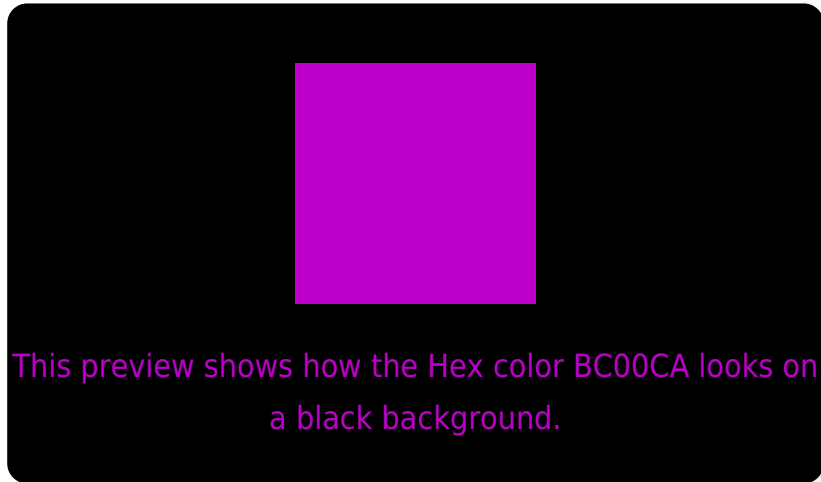
Large Text (above 18pt) WCAG AA ✓ Pass

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

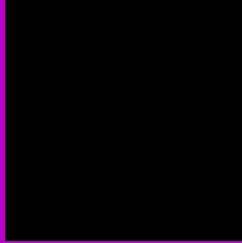
Any Text WCAG AA × Fail

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 BC00CA Background



This preview shows how black text looks on a background with the Hex color BC00CA.



This preview shows how white text looks on a background with the Hex color BC00CA.

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



Original Color
BC00CA

Protanopia
006AE0

Deuteranopia
2F6FBE



Tritanopia
AE4F55

Trichromacy



Original Color
BC00CA



Protanomaly
4443D8



Deuteranomaly
6247C2



Tritanomaly
B33280

Monochromacy



Original Color
BC00CA



Achromatopsia
4F4F4F



Achromatomaly
77327C

CSS Examples

Text

The CSS property to change the color of the text to Hex BC00CA 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 #BC00CA looks like.

```
.text, #text, p{  
    color:#BC00CA  
}
```

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 #BC00CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC00CA
}
```

Border

The CSS property to change the border of an element to Hex BC00CA 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
#BC00CA }
```

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

```
.border{ border-color:#BC00CA }
```

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

Here you see how a box with a 4 pixel #BC00CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC00CA; -webkit-box-shadow:4px 4px  
4px 4px #BC00CA; box-shadow:4px 4px 4px  
4px #BC00CA }
```

Background

The CSS property to change the background color of an element to Hex BC00CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC00CA }
```

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

```
.background{ background-color:#BC00CA }
```

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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