

Converting Colors

Hex(BC00F5)

Have a look what the booklet for
Hex(BC00F5) contains.

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Color

Hex(BC00F5)

Conversions

Conversions Part 1

Format	Color
Hex	BC00F5
RGB	188, 0, 245
RGB Percent	74%, 0%, 96%
CMY	0.2627, 1.0000, 0.0392
CMYK	0.23, 1.00, 0.00, 0.04
HSL	286°, 100%, 48%
HSV	286°, 100%, 96%
XYZ	37.2205, 17.2839, 87.7606
YIQ	84.1420, 33.4030, 116.0510

Conversions

Conversions Part 2

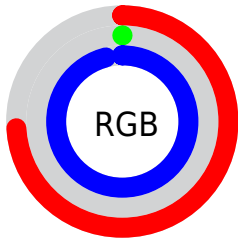
Format	Color
RYB	188, 0, 245
Decimal	12321013
CIELab	48.62, 87.29, -74.72
CIElCh	49, 114.903, 319.436
Yxy	17.2839, 0.2616, 0.1215
Android (android.graphics.Color)	4290511093 (0xFFBC00F5)
YUV	84.1420, 79.3030, 91.0835
Hunter-Lab	41.5740, 87.0536, -96.0565

Details

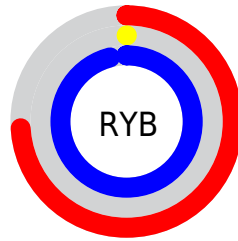
The Hex color **BC00F5** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **39F500**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F95DFF**, and **8000BB** is the 20% darker color. If you saturate the color by 10%, you get **BC00F5**, and if you desaturate by 10%, it is **C218F5**.

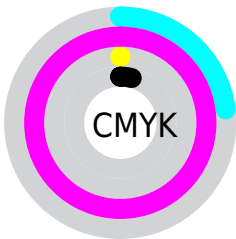
Distribution



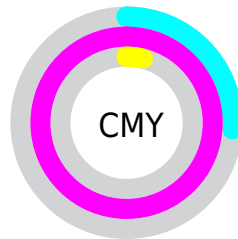
- Red (74%)
- Green (0%)
- Blue (96%)



- Red (74%)
- Yellow (0%)
- Blue (96%)



- Cyan (23%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (26%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC00F5 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 BC00F5 by changing the saturation by 10% instead.

 BC00F5

 BC00F5

FFFFFF

 9E00D8

 F95DFF

 8000BB

 FF7BFF

 6100A0

 FF9AFF

 420084

 FFB7FF

 22006A

 FFD6FF

 000051

 FFF4FF

 000539

 000222

 000008

 BC00F5

 C218F5

 C731F5

 CD4AF5

 D362F5

 D97BF5

 DE93F5

 E4ABF5

 EAC4F5

 EFDDF5

Harmonies

Analogous

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



006CFF



BC00F5



FF009A

Triad

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



BC00F5



A96400



0096B3

Complementary

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



BC00F5



39F500

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.



00944C



BC00F5



4E8200

Square

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



BC00F5



EA0000



008F00



0096FF

Rectangle

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



BC00F5



FF005B



008F00



009691

Sweetspot

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



BC00F5



EDB3FF



0039F5



755280



000000



808080

Same Dimension

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



BC00F5



C400FF



F500B4



786E7A



8F00BA



2D003B

Inverse Universe

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



F50039



FF003B



00F541



7A6E71



BA002B



3B000E

Previews

White Background



This preview shows how the Hex color BC00F5 looks on a white background.

Color Contrast Check

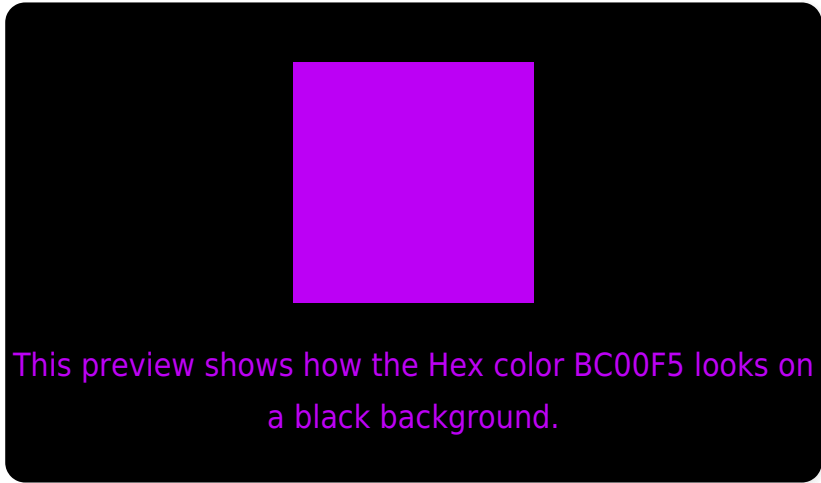
Large Text (above 18pt) WCAG AA ✓ Pass

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

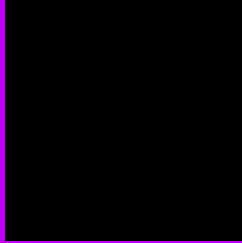
Any Text WCAG AA × Fail

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 BC00F5 Background



This preview shows how black text looks on a background with the Hex color BC00F5.



This preview shows how white text looks on a background with the Hex color BC00F5.

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
BC00F5

Protanopia
0071EE

Deuteranopia
0078D0



Tritanopia
A76067

Trichromacy



Original Color
BC00F5



Protanomaly
4448F1



Deuteranomaly
444CDD



Tritanomaly
AF3D9B

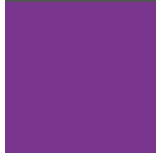
Monochromacy



Original Color
BC00F5



Achromatopsia
545454



Achromatomaly
7A358F

CSS Examples

Text

The CSS property to change the color of the text to Hex BC00F5 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 #BC00F5 looks like.

```
.text, #text, p{  
    color:#BC00F5  
}
```

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 #BC00F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC00F5
}
```

Border

The CSS property to change the border of an element to Hex BC00F5 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
#BC00F5 }
```

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

```
.border{ border-color:#BC00F5 }
```

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

Here you see how a box with a 4 pixel #BC00F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC00F5; -webkit-box-shadow:4px 4px  
4px 4px #BC00F5; box-shadow:4px 4px 4px  
4px #BC00F5 }
```

Background

The CSS property to change the background color of an element to Hex BC00F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC00F5 }
```

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

```
.background{ background-color:#BC00F5 }
```

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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