

Converting Colors

Hex(BC00F2)

Have a look what the booklet for
Hex(BC00F2) contains.

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Color

Hex(BC00F2)

Conversions

Conversions Part 1

Format	Color
Hex	BC00F2
RGB	188, 0, 242
RGB Percent	74%, 0%, 95%
CMY	0.2627, 1.0000, 0.0510
CMYK	0.22, 1.00, 0.00, 0.05
HSL	287°, 100%, 47%
HSV	287°, 100%, 95%
XYZ	36.7660, 17.1022, 85.3677
YIQ	83.8000, 34.3660, 115.1180

Conversions

Conversions Part 2

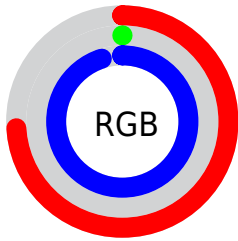
Format	Color
R_{YB}	188, 0, 242
Decimal	12321010
CIE _{Lab}	48.39, 86.77, -73.41
CIE _{LCh}	48, 113.658, 319.771
Yxy	17.1022, 0.2641, 0.1228
Android (android.graphics.Color)	4290511090 (0xFFBC00F2)
YUV	83.8000, 77.9926, 91.3834
Hunter-Lab	41.3548, 86.3228, -93.4426

Details

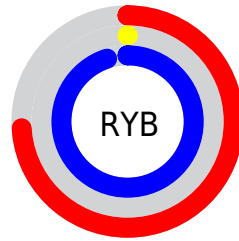
The Hex color **BC00F2** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **36F200**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **F95CFF**, and **8000B9** is the 20% darker color. If you saturate the color by 10%, you get **BC00F2**, and if you desaturate by 10%, it is **C118F2**.

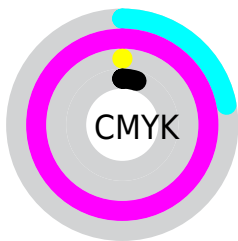
Distribution



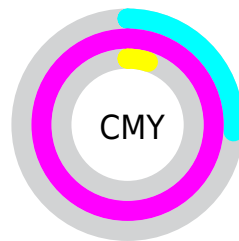
- Red (74%)
- Green (0%)
- Blue (95%)



- Red (74%)
- Yellow (0%)
- Blue (95%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (5%)



- Cyan (26%)
- Magenta (100%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color BC00F2 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 BC00F2 by changing the saturation by 10% instead.

 BC00F2

 BC00F2

FFFFFF

 9E00D5

 F95CFF

 8000B9

 FF7BFF

 62009D

 FF99FF

 430082

 FFB7FF

 230068

 FFD5FF

 00004E

 FFF4FF

 000536

 000220

 000004

 BC00F2

 C118F2

 C730F2

 CC49F2

 D261F2

 D779F2

 DC91F2

 E2A9F2

 E7C2F2

 EDDAF2

Harmonies

Analogous

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



006BFF



BC00F2



FF0098

Triad

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



BC00F2



A76400



0096B2

Complementary

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



BC00F2



36F200

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.



00934D



BC00F2



4D8100

Square

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



BC00F2



E70800



008E00



0095FF

Rectangle

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



BC00F2



FF005A



008E00



009592

Sweetspot

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



BC00F2



EEB3FF



0038F2



755280



000000



808080

Same Dimension

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



BC00F2



C600FF



F200B1



756C78



8F00B8



2C0038

Inverse Universe

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



F20036



FF0039



00F241



786C6F



B80029



38000D

Previews

White Background



This preview shows how the Hex color BC00F2 looks on a white background.

Color Contrast Check

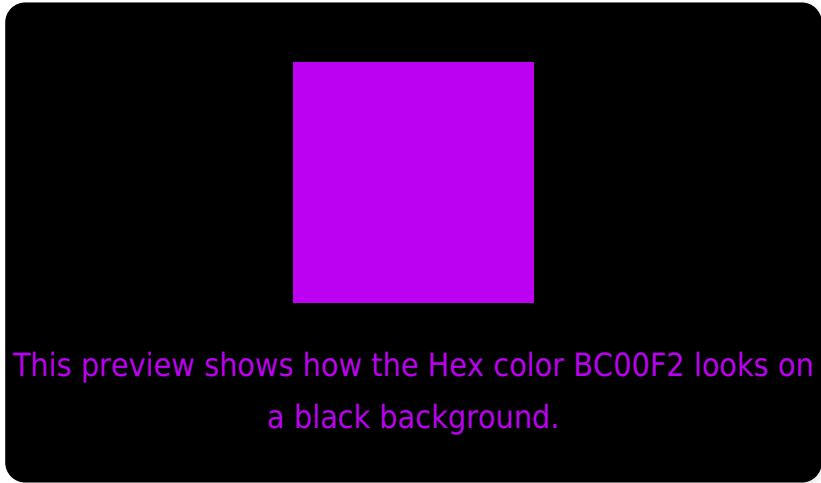
Large Text (above 18pt) WCAG AA ✓ Pass

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

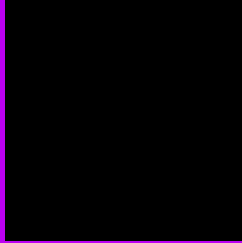
Any Text WCAG AA × Fail

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 BC00F2 Background



This preview shows how black text looks on a background with the Hex color BC00F2.



This preview shows how white text looks on a background with the Hex color BC00F2.

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
BC00F2

Protanopia
0070ED

Deuteranopia
0077CF



Tritanopia
A75F66

Trichromacy



Original Color
BC00F2



Protanomaly
4447EF



Deuteranomaly
444CDC



Tritanomaly
AF3C99

Monochromacy



Original Color
BC00F2



Achromatopsia
545454



Achromatomaly
7A358D

CSS Examples

Text

The CSS property to change the color of the text to Hex BC00F2 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 #BC00F2 looks like.

```
.text, #text, p{  
    color:#BC00F2  
}
```

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 #BC00F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC00F2
}
```

Border

The CSS property to change the border of an element to Hex BC00F2 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".

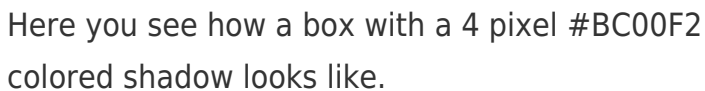
```
.border, #border, table{ border:4px solid
#BC00F2 }
```

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

```
.border{ border-color:#BC00F2 }
```

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

Here you see how a box with a 4 pixel #BC00F2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC00F2; -webkit-box-shadow:4px 4px  
4px 4px #BC00F2; box-shadow:4px 4px 4px  
4px #BC00F2 }
```

Background

The CSS property to change the background color of an element to Hex BC00F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC00F2 }
```

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

```
.background{ background-color:#BC00F2 }
```

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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