

Converting Colors

Hex(BF00BF)

Have a look what the booklet for
Hex(BF00BF) contains.

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Color

Hex(BF00BF)

Conversions

Conversions Part 1

Format	Color
Hex	BF00BF
RGB	191, 0, 191
RGB Percent	75%, 0%, 75%
CMY	0.2510, 1.0000, 0.2510
CMYK	0.00, 1.00, 0.00, 0.25
HSL	300°, 100%, 37%
HSV	300°, 100%, 75%
XYZ	30.8898, 14.8380, 50.5262
YIQ	78.8830, 52.5250, 99.8930

Conversions

Conversions Part 2

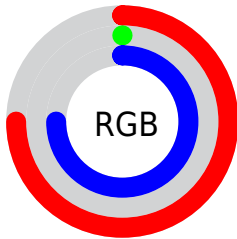
Format	Color
R_{YB}	191, 0, 191
Decimal	12517567
CIE _{Lab}	45.41, 79.06, -48.96
CIE _{LCh}	45, 92.992, 328.233
Yxy	14.8380, 0.3209, 0.1542
Android (android.graphics.Color)	4290707647 (0xFFBF00BF)
YUV	78.8830, 55.2737, 98.3266
Hunter-Lab	38.5201, 75.7318, -50.8057

Details

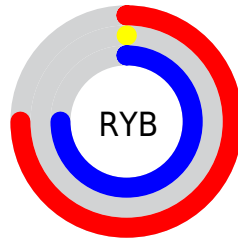
The Hex color **BF00BF** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **00BF00**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FB5AF8**, and **850089** is the 20% darker color. If you saturate the color by 10%, you get **BF00BF**, and if you desaturate by 10%, it is **BF13BF**.

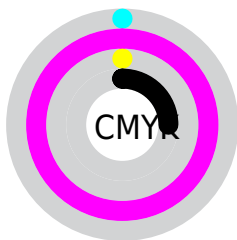
Distribution



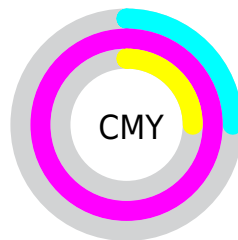
- Red (75%)
- Green (0%)
- Blue (75%)



- Red (75%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF00BF 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 BF00BF by changing the saturation by 10% instead.

 BF00BF

 BF00BF

FFFFFF

 A200A3

 FB5AF8

 850089

 FF78FF

 68006F

 FF96FF

 4C0056

 FFB3FF

 30003D

 FFD1FF

 0C0026

 FFEFFF

 00010F

 000000

 BF00BF

 BF13BF

 BF26BF

 BF39BF

 BF4CBF

 BF60BF

 BF73BF

 BF86BF

 BF99BF

 BFACBF

Harmonies

Analogous

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



3D59F8



BF00BF



E90074

Triad

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



BF00BF



876800



008AB4

Complementary

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



BF00BF



00BF00

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



BF00BF



367B00

Square

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



BF00BF



C14000



008400



0086F2

Rectangle

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



BF00BF



EA0041



008400



00899B

Sweetspot

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



BF00BF



F7ADF7



0000BF



7D507D



FCFCFC



7D7D7D

Same Dimension

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



BF00BF



F700F7



BF0060



5E555E



9E009E



1F001F

Inverse Universe

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



BF00BF



F700F7



00BF60



5E555E



9E009E



1F001F

Previews

White Background



This preview shows how the Hex color BF00BF looks on a white background.

Color Contrast Check

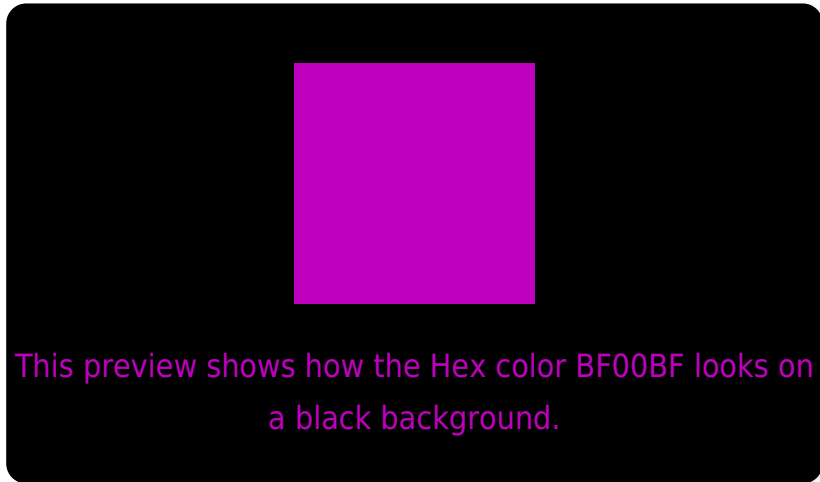
Large Text (above 18pt) WCAG AA ✓ Pass

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

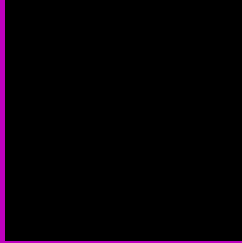
Any Text WCAG AA × Fail

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 BF00BF Background



This preview shows how black text looks on a background with the Hex color BF00BF.

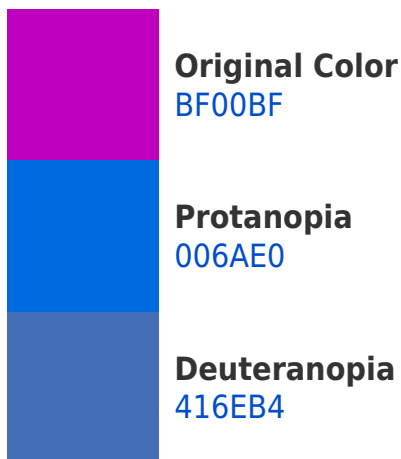



This preview shows how white text looks on a background with the Hex color BF00BF.

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
B34B50

Trichromacy



Original Color
BF00BF



Protanomaly
4543D4



Deuteranomaly
6F46B8



Tritanomaly
B73078

Monochromacy



Original Color
BF00BF



Achromatopsia
4F4F4F



Achromatomaly
783278

CSS Examples

Text

The CSS property to change the color of the text to Hex BF00BF 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 #BF00BF looks like.

```
.text, #text, p{  
    color:#BF00BF  
}
```

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 #BF00BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF00BF
}
```

Border

The CSS property to change the border of an element to Hex BF00BF 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
#BF00BF }
```

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

```
.border{ border-color:#BF00BF }
```

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

Here you see how a box with a 4 pixel #BF00BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF00BF; -webkit-box-shadow:4px 4px  
4px 4px #BF00BF; box-shadow:4px 4px 4px  
4px #BF00BF }
```

Background

The CSS property to change the background color of an element to Hex BF00BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF00BF }
```

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

```
.background{ background-color:#BF00BF }
```

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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