

Converting Colors

Hex(BF00B4)

Have a look what the booklet for
Hex(BF00B4) contains.

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Color

Hex(BF00B4)

Conversions

Conversions Part 1

Format	Color
Hex	BF00B4
RGB	191, 0, 180
RGB Percent	75%, 0%, 71%
CMY	0.2510, 1.0000, 0.2941
CMYK	0.00, 1.00, 0.06, 0.25
HSL	303°, 100%, 37%
HSV	303°, 100%, 75%
XYZ	29.7241, 14.3717, 44.3874
YIQ	77.6290, 56.0560, 96.4720

Conversions

Conversions Part 2

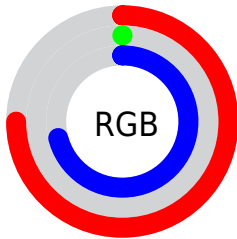
Format	Color
R_YB	191, 0, 180
Decimal	12517556
CIE _{Lab}	44.76, 77.48, -43.54
CIE _{LCh}	45, 88.876, 330.670
Yxy	14.3717, 0.3359, 0.1624
Android (android.graphics.Color)	4290707636 (0xFFBF00B4)
YUV	77.6290, 50.4689, 99.4264
Hunter-Lab	37.9100, 73.6141, -42.8835

Details

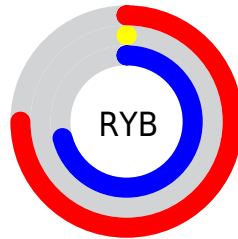
The Hex color **BF00B4** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **00BF0B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FB59EC**, and **85007E** is the 20% darker color. If you saturate the color by 10%, you get **BF00B4**, and if you desaturate by 10%, it is **BF13B5**.

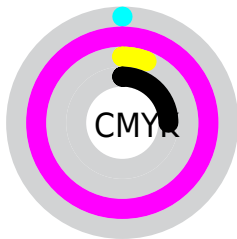
Distribution



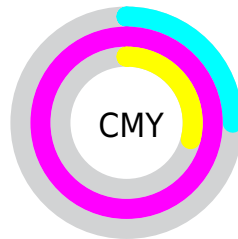
- Red (75%)
- Green (0%)
- Blue (71%)



- Red (75%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF00B4 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 BF00B4 by changing the saturation by 10% instead.

 BF00B4

 BF00B4

FFFFFF

 A20099

 FB59EC

 85007E

 FF77FF

 680065

 FF95FF

 4C004C

 FFB2FF

 310035

 FFD0FF

 0B001E

 FFE0FF

 000000

 BF00B4

 BF13B5

 BF26B6

 BF39B7

 BF4CB8

 BF60BA

 BF73BB

 BF86BC

 BF99BD

 BFACBE

Harmonies

Analogous

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



5554EC



BF00B4



E3006C

Triad

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



BF00B4



806800



0087B5

Complementary

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



BF00B4



00BF0B

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.



00866A



BF00B4



307A00

Square

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



BF00B4



B84500



008213



0083ED

Rectangle

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



BF00B4



E3003C



008213



00879D

Sweetspot

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



BF00B4



F7ADF3



0A00BF



7D507A



FCFCFC



7D7D7D

Same Dimension

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



BF00B4



F700E9



BF0056



5E555E



9E0095



1F001D

Inverse Universe

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



BF00B4



F700E9



00BF69



5E555E



9E0095



1F001D

Previews

White Background



This preview shows how the Hex color BF00B4 looks on a white background.

Color Contrast Check

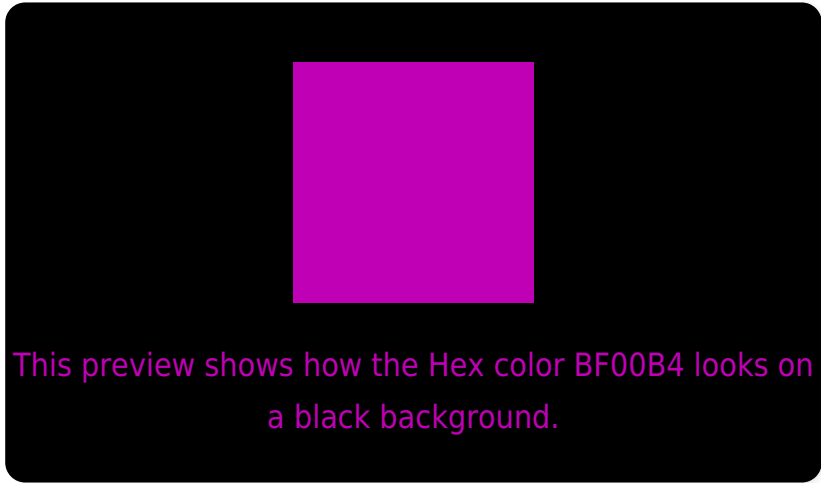
Large Text (above 18pt) WCAG AA ✓ Pass

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

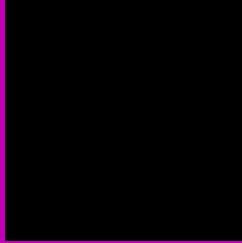
Any Text WCAG AA × Fail

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 BF00B4 Background



This preview shows how black text looks on a background with the Hex color BF00B4.

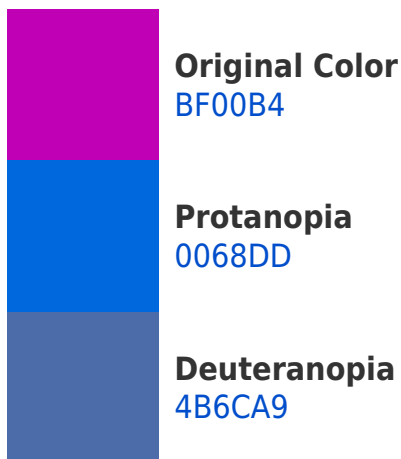


This preview shows how white text looks on a background with the Hex color BF00B4.

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
B4474B

Trichromacy



Original Color
BF00B4



Protanomaly
4542CE



Deuteranomaly
7545AD



Tritanomaly
B82D71

Monochromacy



Original Color
BF00B4



Achromatopsia
4E4E4E



Achromatomaly
773273

CSS Examples

Text

The CSS property to change the color of the text to Hex BF00B4 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 #BF00B4 looks like.

```
.text, #text, p{  
    color:#BF00B4  
}
```

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 #BF00B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF00B4
}
```

Border

The CSS property to change the border of an element to Hex BF00B4 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
#BF00B4 }
```

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

```
.border{ border-color:#BF00B4 }
```

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

Here you see how a box with a 4 pixel #BF00B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF00B4; -webkit-box-shadow:4px 4px  
4px 4px #BF00B4; box-shadow:4px 4px 4px  
4px #BF00B4 }
```

Background

The CSS property to change the background color of an element to Hex BF00B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF00B4 }
```

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

```
.background{ background-color:#BF00B4 }
```

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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