

# Converting Colors

Hex(BF00AC)

Have a look what the booklet for  
Hex(BF00AC) contains.

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**Color**

**Hex(BF00AC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF00AC
RGB	191, 0, 172
RGB Percent	75%, 0%, 67%
CMY	0.2510, 1.0000, 0.3255
CMYK	0.00, 1.00, 0.10, 0.25
HSL	306°, 100%, 37%
HSV	306°, 100%, 75%
XYZ	28.9323, 14.0549, 40.2177
YIQ	76.7170, 58.6240, 93.9840

# Conversions

## Conversions Part 2

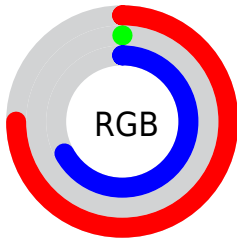
Format	Color
<b>RYB</b>	191, 0, 172
Decimal	12517548
CIELab	44.31, 76.38, -39.51
CIELCh	44, 85.996, 332.646
Yxy	14.0549, 0.3477, 0.1689
Android (android.graphics.Color)	4290707628 (0xFFBF00AC)
YUV	76.7170, 46.9745, 100.2262
Hunter-Lab	37.4899, 72.1473, -37.3611

# Details

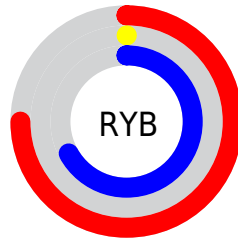
The Hex color **BF00AC** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **00BF13**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FB58E4**, and **850077** is the 20% darker color. If you saturate the color by 10%, you get **BF00AC**, and if you desaturate by 10%, it is **BF13AE**.

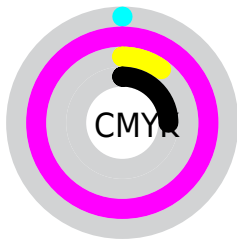
# Distribution



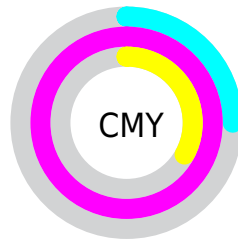
- Red (75%)
- Green (0%)
- Blue (67%)



- Red (75%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF00AC 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 BF00AC by changing the saturation by 10% instead.



 BF00AC

 BF00AC

FFFFFF

 A20091

 FB58E4

 850077

 FF77FF

 68005E

 FF94FF

 4C0046

 FFB2FF

 31002E

 FFCFFF

 090018

 FFEDFF

 000000

 BF00AC

 BF13AE

 BF26B0

 BF39B2

 BF4CB4

 BF60B6

 BF73B7

 BF86B9

 BF99BB

 BFACBD

# Harmonies

## Analogous

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



6151E4



BF00AC



DF0066

# Triad

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



BF00AC



7B6900



0085B5

# Complementary

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



BF00AC



00BF13

# 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.



00846E



BF00AC



297900

# Square

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



BF00AC



B24900



00811D



0081EA

# Rectangle

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



BF00AC



DD0038



00811D



00859F



# Sweetspot

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



BF00AC



F7ADFO



1000BF



7D5078



FCFCFC



7D7D7D



# Same Dimension

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



BF00AC



F700DF



BF0050



5E555D



9E008E



1F001C



# Inverse Universe

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



BF00AC



F700DF



00BF6F



5E555D



9E008E



1F001C



# Previews

## White Background



This preview shows how the Hex color BF00AC looks on a white background.

## Color Contrast Check

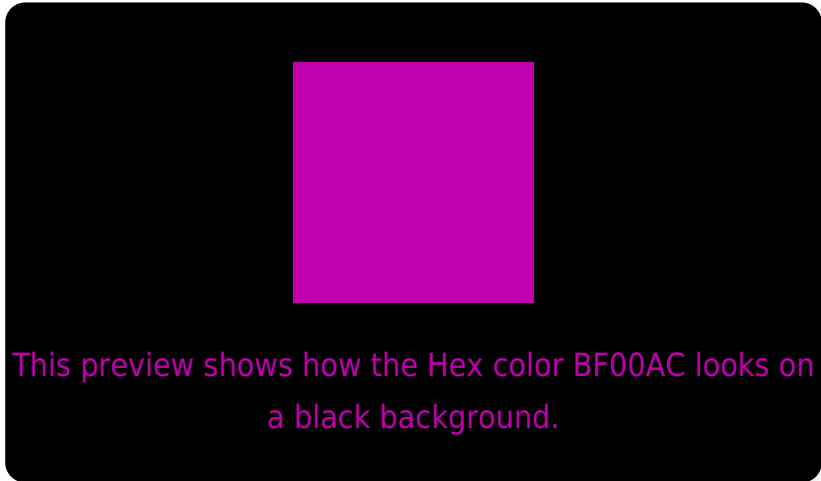
Large Text (above 18pt) WCAG AA ✓ Pass

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

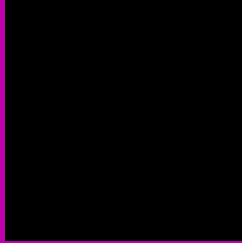
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BF00AC Background



This preview shows how black text looks on a background with the Hex color BF00AC.

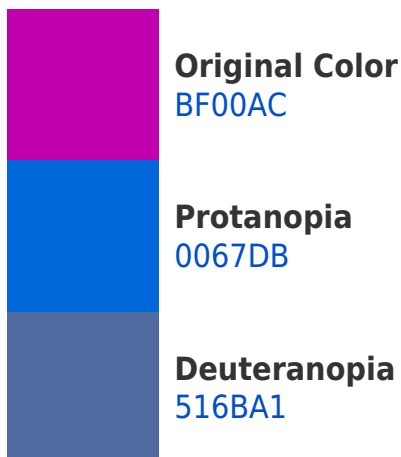



This preview shows how white text looks on a background with the Hex color BF00AC.

# 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**  
B54448

# Trichromacy



**Original Color**  
BF00AC



**Protanomaly**  
4542CA



**Deuteranomaly**  
7944A5



**Tritanomaly**  
B92B6C

# Monochromacy



**Original Color**  
BF00AC



**Achromatopsia**  
4D4D4D



**Achromatomaly**  
763170

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF00AC 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 #BF00AC looks like.

```
.text, #text, p{  
    color:#BF00AC  
}
```

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 #BF00AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF00AC }  
}
```

## Border

The CSS property to change the border of an element to Hex BF00AC 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 #BF00AC }  
}
```

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

```
.border{ border-color:#BF00AC }
```

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

Here you see how a box with a 4 pixel #BF00AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF00AC; -webkit-box-shadow:4px 4px  
4px 4px #BF00AC; box-shadow:4px 4px 4px  
4px #BF00AC }
```

# Background

The CSS property to change the background color of an element to Hex BF00AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF00AC }
```

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

```
.background{ background-color:#BF00AC }
```

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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