

# Converting Colors

Hex(BF0BAD)

Have a look what the booklet for  
Hex(BF0BAD) contains.

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**Color**

**Hex(BF0BAD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF0BAD
RGB	191, 11, 173
RGB Percent	75%, 4%, 68%
CMY	0.2510, 0.9569, 0.3216
CMYK	0.00, 0.94, 0.09, 0.25
HSL	306°, 89%, 40%
HSV	306°, 94%, 75%
XYZ	29.1484, 14.3328, 40.7654
YIQ	83.2880, 55.2780, 88.5420

# Conversions

## Conversions Part 2

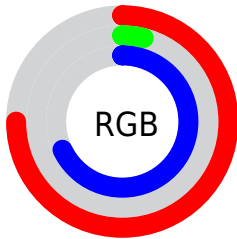
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 11, 173
Decimal	12520365
CIE <sub>Lab</sub>	44.71, 75.51, -39.48
CIE <sub>LCh</sub>	45, 85.212, 332.398
Yxy	14.3328, 0.3460, 0.1701
Android (android.graphics.Color)	4290710445 (0xFFBF0BAD)
YUV	83.2880, 44.2280, 94.4634
Hunter-Lab	37.8587, 71.1787, -37.3409

# Details

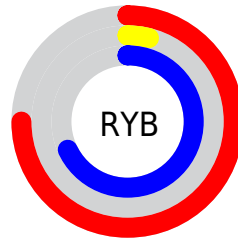
The Hex color **BF0BAD** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **0BBF1D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FB5BE5**, and **850078** is the 20% darker color. If you saturate the color by 10%, you get **BF00AC**, and if you desaturate by 10%, it is **BF1EAF**.

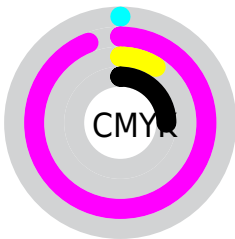
# Distribution



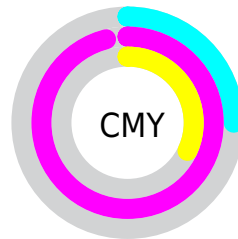
- Red (75%)
- Green (4%)
- Blue (68%)



- Red (75%)
- Yellow (4%)
- Blue (68%)



- Cyan (0%)
- Magenta (94%)
- Yellow (9%)
- Black (25%)



- Cyan (25%)
- Magenta (96%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF0BAD 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 BF0BAD by changing the saturation by 10% instead.



 BF0BAD

 BF0BAD

FFFFFF

 A20092

 FB5BE5

 850078

 FF79FF

 68005F

 FF96FF

 4D0046

 FFB4FF

 31002F

 FFD2FF

 0A0019

 FFEFFF

 000000

 BF0BAD

 BF0BAD

 BF00AC

 BF1EAF

 BF31B1

 BF44B3

 BF57B5

 BF6AB7

 BF7EB8

 BF91BA

 BFA4BC

 BFB7BE

# Harmonies

## Analogous

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



6253E4



BF0BAD



DF0068

# Triad

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



BF0BAD



7D6900



0086B5

# Complementary

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



BF0BAD



0BBF1D

# 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.



00856E



BF0BAD



2D7A00

# Square

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



BF0BAD



B34A00



00821F



0081E9

# Rectangle

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



BF0BAD



DD003A



00821F



00869F



# Sweetspot

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



BF0BAD



F7B2F0



1D0BBF



7D5279



FCFCFC



7D7D7D



# Same Dimension

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



BF0BAD



F700DF



BF0B53



5E555D



9E008E



1F001C



# Inverse Universe

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



BF0BAD



F700DF



0BBF77



5E555D



9E008E



1F001C



# Previews

## White Background



This preview shows how the Hex color BF0BAD looks on a white background.

## Color Contrast Check

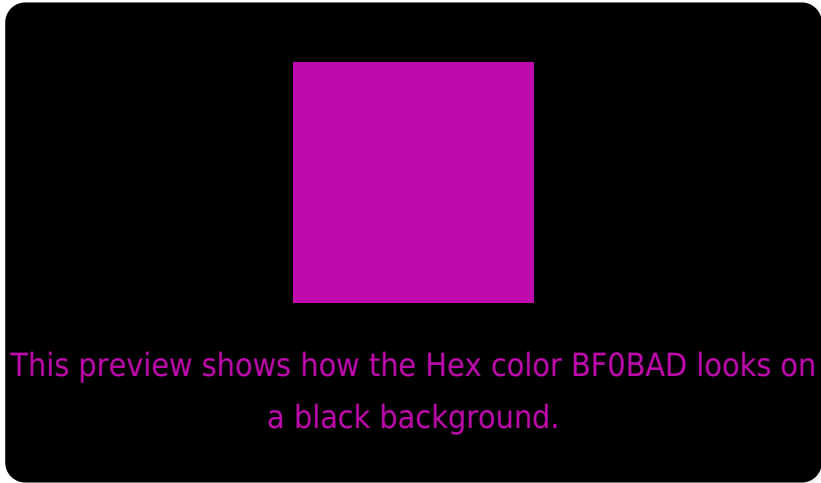
Large Text (above 18pt) WCAG AA ✓ Pass

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

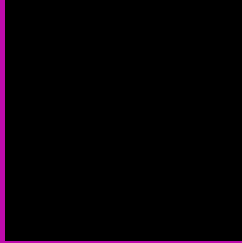
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex BF0BAD Background



This preview shows how black text looks on a background with the Hex color BF0BAD.

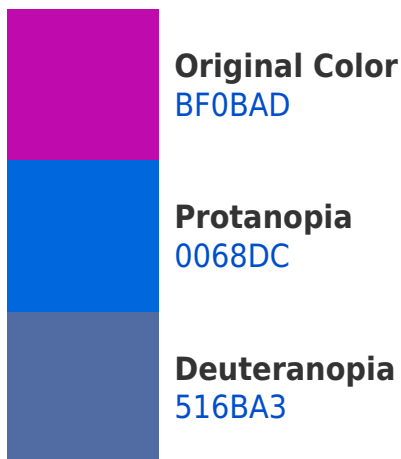



This preview shows how white text looks on a background with the Hex color BF0BAD.

# 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**  
B54449

# Trichromacy



**Original Color**  
BF0BAD



**Protanomaly**  
4546CB



**Deuteranomaly**  
7948A7

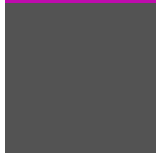


**Tritanomaly**  
B92F6D

# Monochromacy



**Original Color**  
BF0BAD



**Achromatopsia**  
535353



**Achromatomaly**  
7A3974

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF0BAD 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 #BF0BAD looks like.

```
.text, #text, p{  
    color:#BF0BAD  
}
```

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 #BF0BAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF0BAD
}
```

## Border

The CSS property to change the border of an element to Hex BF0BAD 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
#BF0BAD }
```

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

```
.border{ border-color:#BF0BAD }
```

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

Here you see how a box with a 4 pixel #BF0BAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF0BAD; -webkit-box-shadow:4px 4px  
4px 4px #BF0BAD; box-shadow:4px 4px 4px  
4px #BF0BAD }
```

# Background

The CSS property to change the background color of an element to Hex BF0BAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF0BAD }
```

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

```
.background{ background-color:#BF0BAD }
```

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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