

# Converting Colors

Hex(BF50BA)

Have a look what the booklet for  
Hex(BF50BA) contains.

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# Color

Hex(**BF50BA**)

# Conversions

## Conversions Part 1

Format	Color
Hex	BF50BA
RGB	191, 80, 186
RGB Percent	75%, 31%, 73%
CMY	0.2510, 0.6863, 0.2706
CMYK	0.00, 0.58, 0.03, 0.25
HSL	303°, 46%, 53%
HSV	303°, 58%, 75%
XYZ	33.2174, 20.3589, 48.6333
YIQ	125.2730, 32.1300, 56.4980

# Conversions

## Conversions Part 2

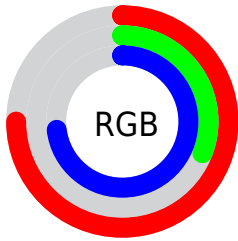
Format	Color
R <sub>Y</sub> B	191, 80, 186
Decimal	12538042
CIE Lab	52.24, 58.05, -35.23
CIE LCh	52, 67.903, 328.751
Yxy	20.3589, 0.3250, 0.1992
Android (android.graphics.Color)	4290728122 (0xFFBF50BA)
YUV	125.2730, 29.9384, 57.6426
Hunter-Lab	45.1208, 52.4484, -32.3209

# Details

The Hex color **BF50BA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **50BF55**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FA87F3**, and **871184** is the 20% darker color. If you saturate the color by 10%, you get **BF3DB9**, and if you desaturate by 10%, it is **BF63BB**.

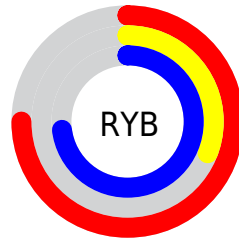
# Distribution



Red (75%)

Green (31%)

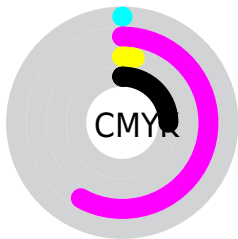
Blue (73%)



Red (75%)

Yellow (31%)

Blue (73%)

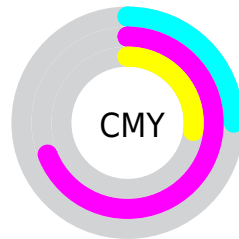


Cyan (0%)

Magenta (58%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (69%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF50BA 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 BF50BA by changing the saturation by 10% instead.



 BF50BA

 BF50BA

FFFFFF

 A2349F

 FA87F3

 871184

 FFA3FF

 6B006B

 FFBFFF

 500052

 FFDCFF

 38003B

 FFF9FF

 1B0024

 00000B

 000000

 BF50BA

 BF50BA

 BF3DB9

 BF63BB

 BF2AB8

 BF76BC

 BF17B7

 BF89BD

 BF04B7

 BF9CBD

 BF00B6

 BFB0BE

 BFC3BF

 BFD6C0

 BFE9C1

 BFFCC2

# Harmonies

## Analogous

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



726EE4



BF50BA



DF3A82

# Triad

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



BF50BA



987900



0096B3

# Complementary

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



BF50BA



50BF55

# 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.



009678



BF50BA



5F8900

# Square

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



BF50BA



C4610D



00923C



0091E0

# Rectangle

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



BF50BA



E23E5B



00923C



0097A1



# Sweetspot

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



BF50BA



F7CDF5



5450BF



7D647C



FCFCFC



7D7D7D



# Same Dimension

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



BF50BA



F74AF0



BF5084



5E555E



9E0097



1F001D



# Inverse Universe

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



BF50BA



F74AF0



50BF8B



5E555E



9E0097



1F001D



# Previews

## White Background



This preview shows how the Hex color BF50BA looks on a white background.

## Color Contrast Check

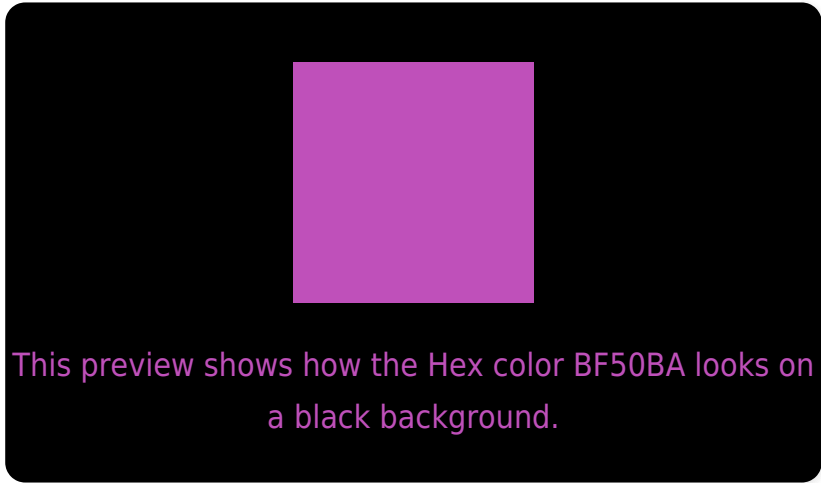
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

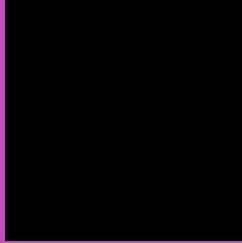
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF50BA Background



This preview shows how black text looks on a background with the Hex color BF50BA.

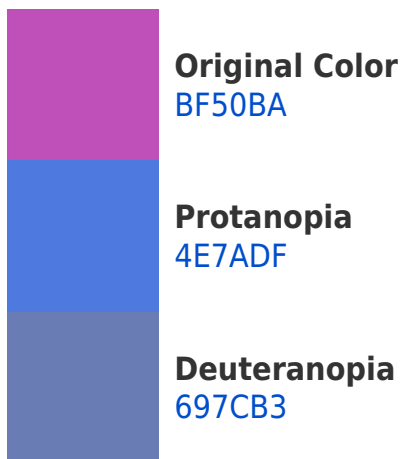



This preview shows how white text looks on a background with the Hex color BF50BA.

# 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**  
B6656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF50BA 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 #BF50BA looks like.

```
.text, #text, p{  
    color:#BF50BA  
}
```

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 #BF50BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF50BA
}
```

## Border

The CSS property to change the border of an element to Hex BF50BA 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
#BF50BA }
```

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

```
.border{ border-color:#BF50BA }
```

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

Here you see how a box with a 4 pixel #BF50BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF50BA; -webkit-box-shadow:4px 4px  
4px 4px #BF50BA; box-shadow:4px 4px 4px  
4px #BF50BA }
```

# Background

The CSS property to change the background color of an element to Hex BF50BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF50BA }
```

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

```
.background{ background-color:#BF50BA }
```

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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