

# Converting Colors

Hex(BF4B7F)

Have a look what the booklet for  
Hex(BF4B7F) contains.

|  |    |
|--|----|
| <b>Hex(BF4B7F)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(BF4B7F)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BF4B7F                     |
| RGB         | 191, 75, 127               |
| RGB Percent | 75%, 29%, 50%              |
| CMY         | 0.2510, 0.7059, 0.5020     |
| CMYK        | 0.00, 0.61, 0.34, 0.25     |
| HSL         | 333°, 48%, 52%             |
| HSV         | 333°, 61%, 75%             |
| XYZ         | 27.8327, 17.6408, 22.0167  |
| YIQ         | 115.6120, 52.4440, 40.7640 |

# Conversions

## Conversions Part 2

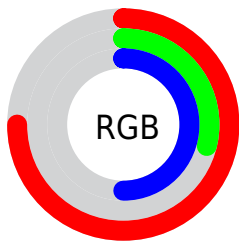
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 191, 75, 127                 |
| Decimal                             | 12536703                     |
| CIELab                              | 49.06, 51.61, -5.22          |
| CIELCh                              | 49, 51.872, 354.223          |
| Yxy                                 | 17.6408, 0.4124,<br>0.2614   |
| Android<br>(android.graphics.Color) | 4290726783<br>(0xFFBF4B7F)   |
| YUV                                 | 115.6120, 5.6143,<br>66.1153 |
| Hunter-Lab                          | 42.0010, 44.7845,<br>-1.6789 |

# Details

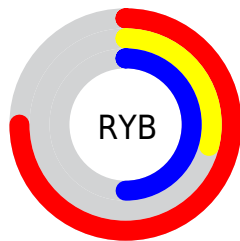
The Hex color **BF4B7F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **4BBF8B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FA81B4**, and **860C4E** is the 20% darker color. If you saturate the color by 10%, you get **BF3874**, and if you desaturate by 10%, it is **BF5E8A**.

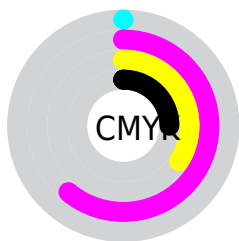
# Distribution



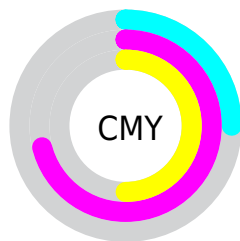
- Red (75%)
- Green (29%)
- Blue (50%)



- Red (75%)
- Yellow (29%)
- Blue (50%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (25%)



- Cyan (25%)
- Magenta (71%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF4B7F 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 BF4B7F by changing the saturation by 10% instead.



 BF4B7F

 BF4B7F

FFFFFF

 A22F66

 FA81B4

 860C4E

 FF9DCF

 6A0037

 FFB9EB

 4E0022

 FFD5FF

 37000B

 FFF3FF

 0C0000

 000000

 BF4B7F

 BF4B7F

 BF3874

 BF5E8A

 BF256A

 BF7194

 BF125F

 BF849F

 BF0056

 BF97A9

 BFABB4

 BFBEBE

 BFD1C9

 BFE4D3

 BFF7DE

# Harmonies

## Analogous

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



A259A9



BF4B7F



C34E53

# Triad

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



BF4B7F



687D1B



0085BB

# Complementary

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



BF4B7F



4BBF8B

# 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.



008997



BF4B7F



2C853E

# Square

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



BF4B7F



926F12



00896A



007CCC

# Rectangle

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



BF4B7F



BA5839



00896A



0087B1



# Sweetspot

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



BF4B7F



F7CBDF



8B4BBF



7D616E



FCFCFC



7D7D7D



# Same Dimension

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



BF4B7F



F74394



BF514B



5E5559



9E0047



1F000E



# Inverse Universe

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



BF4B7F



F74394



4BB9BF



5E5559



9E0047



1F000E



# Previews

## White Background



This preview shows how the Hex color BF4B7F looks on a white background.

## Color Contrast Check

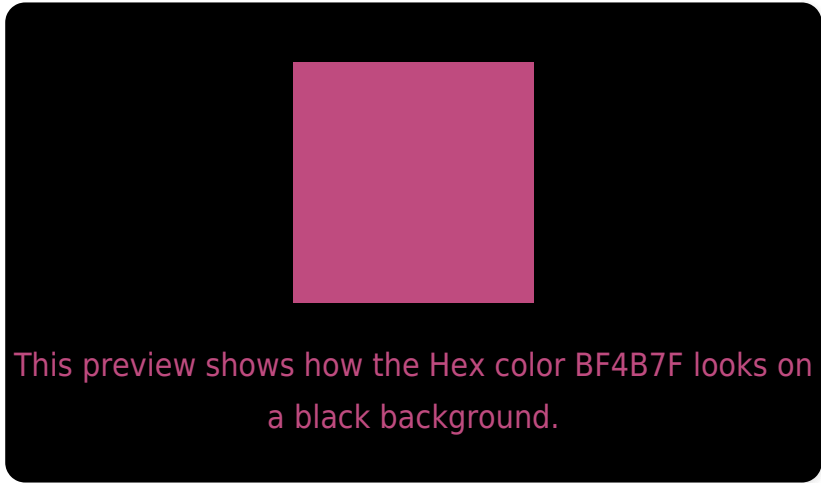
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 BF4B7F Background



This preview shows how black text looks on a background with the Hex color BF4B7F.



This preview shows how white text looks on a background with the Hex color BF4B7F.

# 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





# Trichromacy



**Original Color**  
BF4B7F

**Protanomaly**  
8A6590

**Deuteranomaly**  
96647B

**Tritanomaly**  
BD5067

# Monochromacy



**Original Color**  
BF4B7F

**Achromatopsia**  
747474

**Achromatomaly**  
8F6578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF4B7F 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 #BF4B7F looks like.

```
.text, #text, p{  
    color:#BF4B7F  
}
```

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 #BF4B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF4B7F
}
```

## Border

The CSS property to change the border of an element to Hex BF4B7F 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
#BF4B7F }
```

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

```
.border{ border-color:#BF4B7F }
```

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

Here you see how a box with a 4 pixel #BF4B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF4B7F; -webkit-box-shadow:4px 4px  
4px 4px #BF4B7F; box-shadow:4px 4px 4px  
4px #BF4B7F }
```

# Background

The CSS property to change the background color of an element to Hex BF4B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF4B7F }
```

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

```
.background{ background-color:#BF4B7F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor