

# Converting Colors

Hex(BF4084)

Have a look what the booklet for  
Hex(BF4084) contains.

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# Color

**Hex(BF4084)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF4084
RGB	191, 64, 132
RGB Percent	75%, 25%, 52%
CMY	0.2510, 0.7490, 0.4824
CMYK	0.00, 0.66, 0.31, 0.25
HSL	328°, 50%, 50%
HSV	328°, 66%, 75%
XYZ	27.4841, 16.4091, 23.5485
YIQ	109.7250, 53.8640, 48.0720

# Conversions

## Conversions Part 2

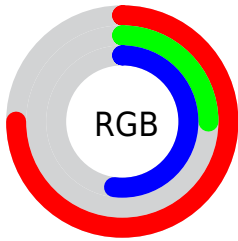
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 64, 132
Decimal	12533892
CIE <sub>Lab</sub>	47.51, 56.90, -10.56
CIE <sub>LCh</sub>	48, 57.872, 349.490
Yxy	16.4091, 0.4075, 0.2433
Android (android.graphics.Color)	4290723972 (0xFFBF4084)
YUV	109.7250, 10.9816, 71.2782
Hunter-Lab	40.5081, 50.2200, -6.1112

# Details

The Hex color **BF4084** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **40BF7B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FB78B9**, and **850053** is the 20% darker color. If you saturate the color by 10%, you get **BF2D7B**, and if you desaturate by 10%, it is **BF538D**.

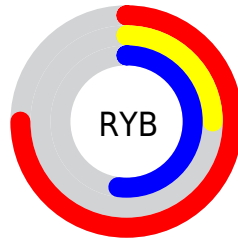
# Distribution



Red (75%)

Green (25%)

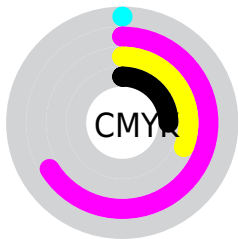
Blue (52%)



Red (75%)

Yellow (25%)

Blue (52%)

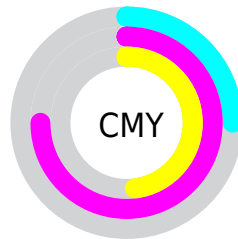


Cyan (0%)

Magenta (66%)

Yellow (31%)

Black (25%)



Cyan (25%)

Magenta (75%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF4084 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 BF4084 by changing the saturation by 10% instead.



 BF4084

 BF4084

FFFFFF

 A2216B

 FB78B9

 850053

 FF94D5

 69003B

 FFB0F1

 4E0026

 FFCCFF

 350010

 FFEAFF

 080000

 000000

 BF4084

 BF4084

 BF2D7B

 BF538D

 BF1A72

 BF6696

 BF0769

 BF799F

 BF0066

 BF8CA7

 BFA0B0

 BFB3B9

 BFC6C2

 BFD9CB

 BFEC D4

# Harmonies

## Analogous

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



9A54B1



BF4084



C74053

# Triad

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



BF4084



697800



0084BA

# Complementary

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



BF4084



40BF7B

# 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.



008790



BF4084



28812C

# Square

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



BF4084



966800



00865D



007BD1

# Rectangle

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



BF4084



BE4C35



00865D



0086AE



# Sweetspot

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



BF4084



F7C6E0



7940BF



7D5F6F



FCFCFC



7D7D7D



# Same Dimension

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



BF4084



F7319B



BF4046



5E555A



9E0055



1F0010



# Inverse Universe

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



BF4084



F7319B



40BFB9



5E555A



9E0055



1F0010



# Previews

## White Background



This preview shows how the Hex color BF4084 looks on a white background.

## Color Contrast Check

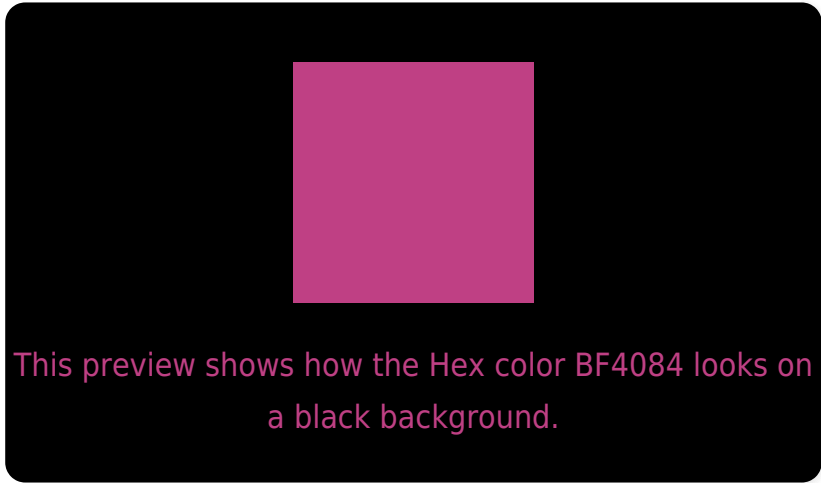
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF4084 Background



This preview shows how black text looks on a background with the Hex color BF4084.

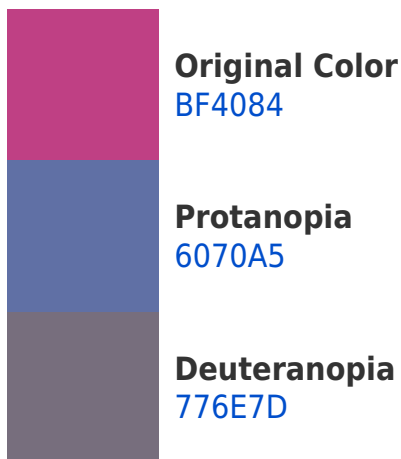



This preview shows how white text looks on a background with the Hex color BF4084.

# 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](#).

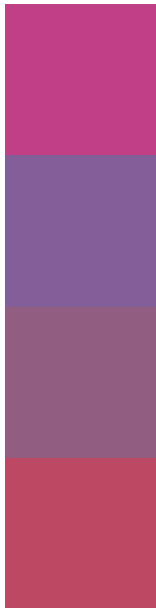
## Dichromacy





**Tritanopia**  
BB4D51

# Trichromacy



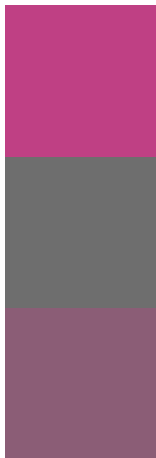
**Original Color**  
BF4084

**Protanomaly**  
835F99

**Deuteranomaly**  
915D80

**Tritanomaly**  
BC4864

# Monochromacy



**Original Color**  
BF4084

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
8B5D76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF4084 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 #BF4084 looks like.

```
.text, #text, p{  
  color:#BF4084  
}
```

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 #BF4084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF4084
}
```

## Border

The CSS property to change the border of an element to Hex BF4084 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
#BF4084 }
```

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

```
.border{ border-color:#BF4084 }
```

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

Here you see how a box with a 4 pixel #BF4084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF4084; -webkit-box-shadow:4px 4px  
4px 4px #BF4084; box-shadow:4px 4px 4px  
4px #BF4084 }
```

# Background

The CSS property to change the background color of an element to Hex BF4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF4084 }
```

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

```
.background{ background-color:#BF4084 }
```

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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