

# Converting Colors

Hex(BF4680)

Have a look what the booklet for  
Hex(BF4680) contains.

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# Color

**Hex(BF4680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF4680
RGB	191, 70, 128
RGB Percent	75%, 27%, 50%
CMY	0.2510, 0.7255, 0.4980
CMYK	0.00, 0.63, 0.33, 0.25
HSL	331°, 49%, 51%
HSV	331°, 63%, 75%
XYZ	27.5723, 17.0152, 22.2531
YIQ	112.7910, 53.4980, 43.6900

# Conversions

## Conversions Part 2

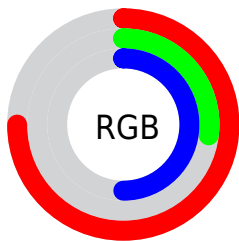
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 70, 128
Decimal	12535424
CIE <sub>Lab</sub>	48.28, 53.92, -6.98
CIE <sub>LCh</sub>	48, 54.375, 352.623
Yxy	17.0152, 0.4125, 0.2546
Android (android.graphics.Color)	4290725504 (0xFFBF4680)
YUV	112.7910, 7.4980, 68.5893
Hunter-Lab	41.2495, 47.1278, -3.1109

# Details

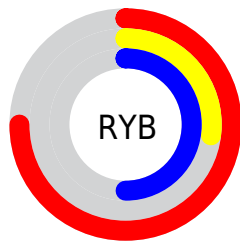
The Hex color **BF4680** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **46BF85**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FA7DB5**, and **86004F** is the 20% darker color. If you saturate the color by 10%, you get **BF3376**, and if you desaturate by 10%, it is **BF598A**.

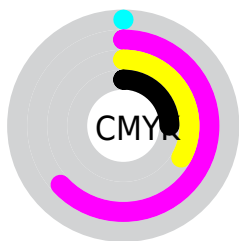
# Distribution



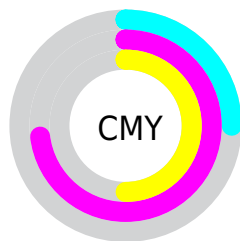
- Red (75%)
- Green (27%)
- Blue (50%)



- Red (75%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (63%)
- Yellow (33%)
- Black (25%)



- Cyan (25%)
- Magenta (73%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF4680 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 BF4680 by changing the saturation by 10% instead.



 BF4680

 BF4680

FFFFFF

 A22967

 FA7DB5

 86004F

 FF98D0

 6A0038

 FFB5ED

 4E0023

 FFD1FF

 36000C

 FFEEFF

 090000

 000000

 BF4680

 BF4680

 BF3376

 BF598A

 BF206C

 BF6C94

 BF0D62

 BF7F9E

 BF005C

 BF92A8

 BFA6B2

 BFB9BC

 BFCCC6

 BFDFD0

 BFF2DA

# Harmonies

## Analogous

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



9F56AB



BF4680



C44852

# Triad

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



BF4680



687B0E



0085BB

# Complementary

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



BF4680



46BF85

# 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.



008895



BF4680



288337

# Square

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



BF4680



936C05



008765



007BCE

# Rectangle

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



BF4680



BB5336



008765



0086B0



# Sweetspot

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



BF4680



F7C8DF



8546BF



7D606E



FCFCFC



7D7D7D



# Same Dimension

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



BF4680



F73B95



BF4846



5E5559



9E004C



1F000F



# Inverse Universe

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



BF4680



F73B95



46BDBF



5E5559



9E004C



1F000F



# Previews

## White Background



This preview shows how the Hex color BF4680 looks on a white background.

## Color Contrast Check

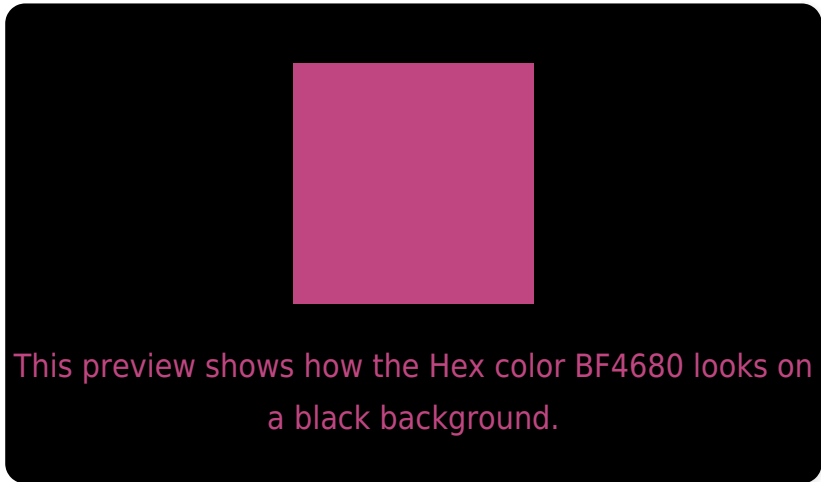
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF4680 Background



This preview shows how black text looks on a background with the Hex color BF4680.

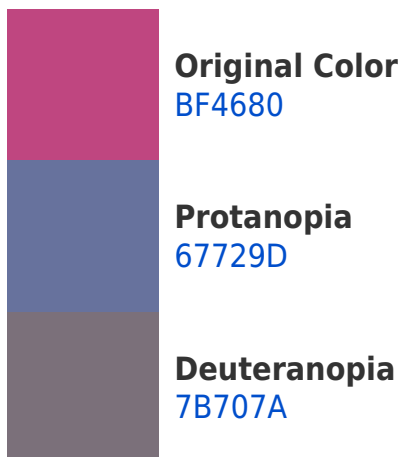


This preview shows how white text looks on a background with the Hex color BF4680.

# Color Blindness Simulation

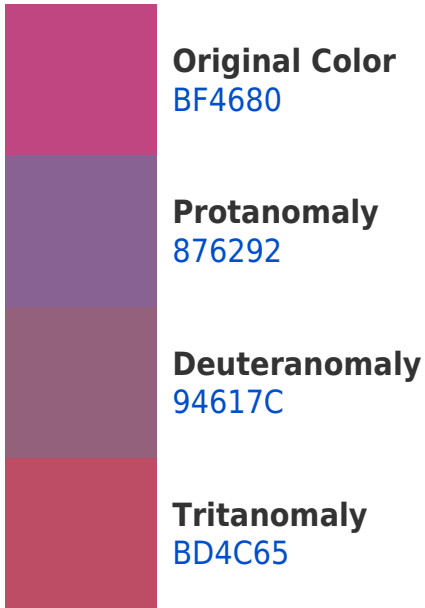
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF4680 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 #BF4680 looks like.

```
.text, #text, p{  
    color:#BF4680  
}
```

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 #BF4680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF4680
}
```

## Border

The CSS property to change the border of an element to Hex BF4680 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
#BF4680 }
```

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

```
.border{ border-color:#BF4680 }
```

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

Here you see how a box with a 4 pixel #BF4680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF4680; -webkit-box-shadow:4px 4px  
4px 4px #BF4680; box-shadow:4px 4px 4px  
4px #BF4680 }
```

# Background

The CSS property to change the background color of an element to Hex BF4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF4680 }
```

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

```
.background{ background-color:#BF4680 }
```

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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