

# Converting Colors

Hex(BF6784)

Have a look what the booklet for  
Hex(BF6784) contains.

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# Color

**Hex(BF6784)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF6784
RGB	191, 103, 132
RGB Percent	75%, 40%, 52%
CMY	0.2510, 0.5961, 0.4824
CMYK	0.00, 0.46, 0.31, 0.25
HSL	340°, 41%, 58%
HSV	340°, 46%, 75%
XYZ	30.5010, 22.4428, 24.5541
YIQ	132.6180, 43.1390, 27.6750

# Conversions

## Conversions Part 2

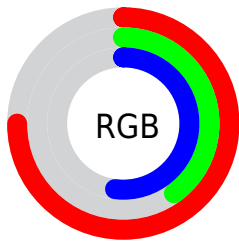
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 103, 132
Decimal	12543876
CIE <sub>Lab</sub>	54.49, 38.46, -0.19
CIE <sub>LCh</sub>	54, 38.465, 359.710
Yxy	22.4428, 0.3936, 0.2896
Android (android.graphics.Color)	4290733956 (0xFFBF6784)
YUV	132.6180, -0.3047, 51.2010
Hunter-Lab	47.3738, 32.0204, 2.4314

# Details

The Hex color **BF6784** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67BFA2**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F99CB9**, and **873453** is the 20% darker color. If you saturate the color by 10%, you get **BF5477**, and if you desaturate by 10%, it is **BF7A91**.

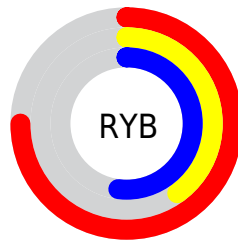
# Distribution



Red (75%)

Green (40%)

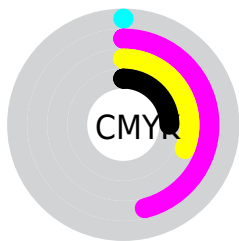
Blue (52%)



Red (75%)

Yellow (40%)

Blue (52%)

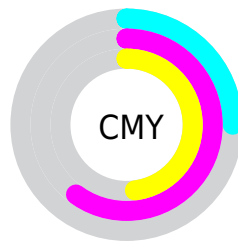


Cyan (0%)

Magenta (46%)

Yellow (31%)

Black (25%)



Cyan (25%)

Magenta (60%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF6784 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 BF6784 by changing the saturation by 10% instead.



 BF6784

 BF6784

FFFFFF

 A34D6B

 F99CB9

 873453

 FFB7D5

 6C1A3C

 FFD4F1

 510026

 FFF0FF

 380011

 1C0001

 000000

 BF6784

 BF6784

 BF5477

 BF7A91

 BF416A

 BF8D9E

 BF2E5E

 BFA0AA

 BF1B51

 BFB3B7

 BF0744

 BFC7C4

 BF003F

 BFDAD1

 BFEDDE

 BFFFEA

 BFFFF7

# Harmonies

## Analogous

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



AB6EA4



BF6784



C06A63

# Triad

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



BF6784



758A47



008EBB

# Complementary

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



BF6784



67BFA2

# 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.



0093A2



BF6784



4B9060

# Square

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



BF6784



97803E



009381



4986C5

# Rectangle

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



BF6784



B87151



009381



0090B4



# Sweetspot

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



BF6784



F7D5E0



A267BF



7D686F



FCFCFC



7D7D7D



# Same Dimension

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



BF6784



F76F9C



BF7667



5E5558



9E0034



1F000A



# Inverse Universe

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



BF6784



F76F9C



67B0BF



5E5558



9E0034

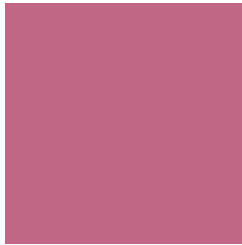


1F000A



# Previews

## White Background



This preview shows how the Hex color BF6784 looks on a white background.

## Color Contrast Check

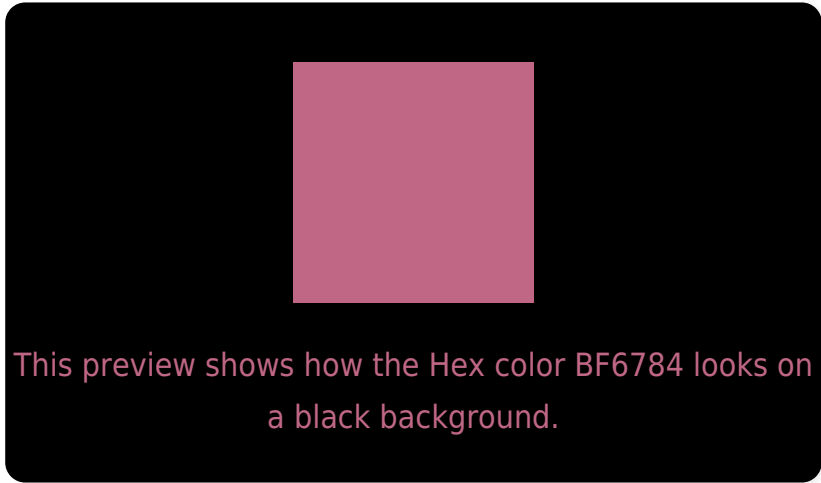
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF6784 Background



This preview shows how black text looks on a background with the Hex color BF6784.



This preview shows how white text looks on a background with the Hex color BF6784.

# 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



**Original Color**  
BF6784

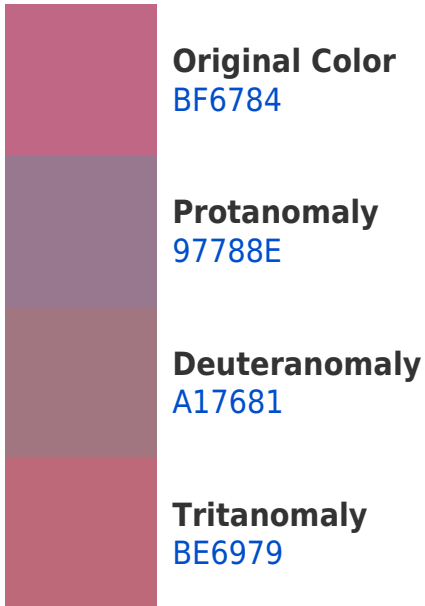
**Protanopia**  
808294

**Deuteranopia**  
907F80

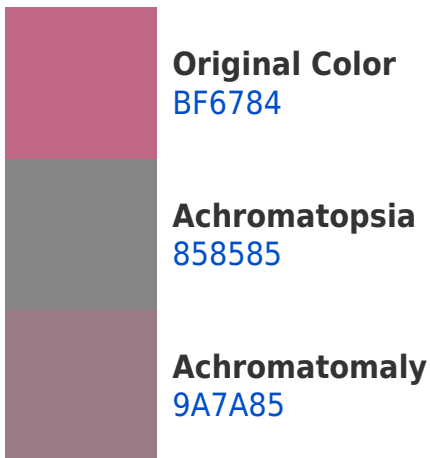


**Tritanopia**  
BD6A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF6784 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 #BF6784 looks like.

```
.text, #text, p{  
    color:#BF6784  
}
```

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 #BF6784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF6784
}
```

## Border

The CSS property to change the border of an element to Hex BF6784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

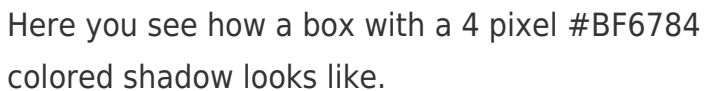
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF6784 }
```

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

```
.border{ border-color:#BF6784 }
```

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



Here you see how a box with a 4 pixel #BF6784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF6784; -webkit-box-shadow:4px 4px  
4px 4px #BF6784; box-shadow:4px 4px 4px  
4px #BF6784 }
```

# Background

The CSS property to change the background color of an element to Hex BF6784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF6784 }
```

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

```
.background{ background-color:#BF6784 }
```

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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