

# Converting Colors

Hex(BF6C91)

Have a look what the booklet for  
Hex(BF6C91) contains.

<b>Hex(BF6C91)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(BF6C91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF6C91
RGB	191, 108, 145
RGB Percent	75%, 42%, 57%
CMY	0.2510, 0.5765, 0.4314
CMYK	0.00, 0.43, 0.24, 0.25
HSL	333°, 39%, 59%
HSV	333°, 43%, 75%
XYZ	31.9593, 23.8458, 29.7063
YIQ	137.0350, 37.5910, 29.1030

# Conversions

## Conversions Part 2

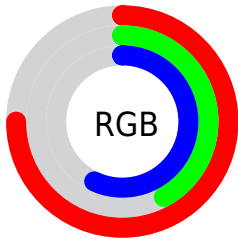
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 108, 145
Decimal	12545169
CIE <sub>Lab</sub>	55.93, 37.63, -5.69
CIE <sub>LCh</sub>	56, 38.060, 351.397
Y <sub>xy</sub>	23.8458, 0.3737, 0.2789
Android (android.graphics.Color)	4290735249 (0xFFBF6C91)
YUV	137.0350, 3.9267, 47.3273
Hunter-Lab	48.8322, 31.3668, -1.8857

# Details

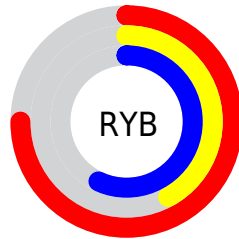
The Hex color **BF6C91** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6CBF9A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **F9A1C7**, and **87395F** is the 20% darker color. If you saturate the color by 10%, you get **BF5986**, and if you desaturate by 10%, it is **BF7F9C**.

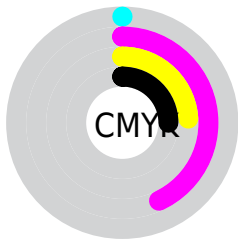
# Distribution



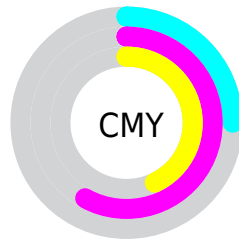
- Red (75%)
- Green (42%)
- Blue (57%)



- Red (75%)
- Yellow (42%)
- Blue (57%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (25%)



- Cyan (25%)
- Magenta (58%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF6C91 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 BF6C91 by changing the saturation by 10% instead.



 BF6C91

 BF6C91

FFFFFF

 A35277

 F9A1C7

 87395F

 FFBDE3

 6D2047

 FFD9FF

 520231

 FFF6FF

 39001C

 220001

 000000

 BF6C91

 BF6C91

 BF5986

 BF7F9C

 BF467C

 BF92A6

 BF3371

 BFA5B1

 BF2067

 BFB8BB

 BF0C5C

 BFCBC6

 BF0055

 BFD1D1

 BFF2DB

 BFFFE6

 BFFFF0

# Harmonies

## Analogous

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



A675B0



BF6C91



C56C70

# Triad

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



BF6C91



838B47



0094B9

# Complementary

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



BF6C91



6CBF9A

# 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.



00979D



BF6C91



5C935B

# Square

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



BF6C91



A38144



26977B



398CC7

# Rectangle

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



BF6C91



C0725C



26977B



0095B1



# Sweetspot

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



BF6C91



F7D7E6



9A6CBF



7D6972



FCFCFC



7D7D7D



# Same Dimension

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



BF6C91



F777B0



BF706C



5E5559



9E0046



1F000E



# Inverse Universe

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



BF6C91



F777B0



6CBBBF



5E5559



9E0046

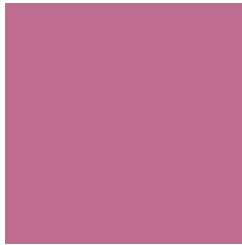


1F000E



# Previews

## White Background



This preview shows how the Hex color BF6C91 looks on a white background.

## Color Contrast Check

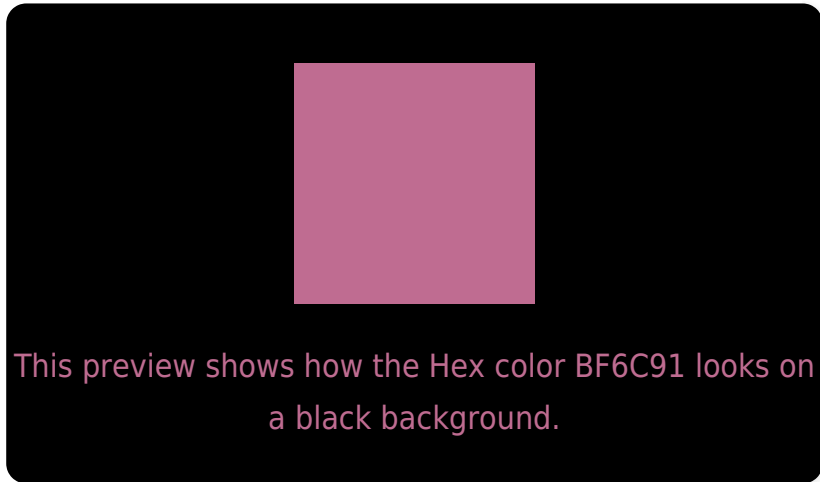
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF6C91 Background



This preview shows how black text looks on a background with the Hex color BF6C91.

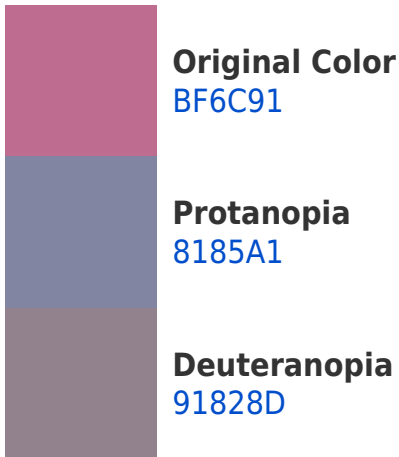


This preview shows how white text looks on a background with the Hex color BF6C91.

# 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**  
BD7179

# Trichromacy



**Original Color**  
BF6C91

**Protanomaly**  
987C9B

**Deuteranomaly**  
A27A8E

**Tritanomaly**  
BE6F82

# Monochromacy



**Original Color**  
BF6C91

**Achromatopsia**  
898989

**Achromatomaly**  
9D7E8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF6C91 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 #BF6C91 looks like.

```
.text, #text, p{  
    color:#BF6C91  
}
```

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 #BF6C91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF6C91
}
```

## Border

The CSS property to change the border of an element to Hex BF6C91 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
#BF6C91 }
```

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

```
.border{ border-color:#BF6C91 }
```

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

Here you see how a box with a 4 pixel #BF6C91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF6C91; -webkit-box-shadow:4px 4px  
4px 4px #BF6C91; box-shadow:4px 4px 4px  
4px #BF6C91 }
```

# Background

The CSS property to change the background color of an element to Hex BF6C91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF6C91 }
```

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

```
.background{ background-color:#BF6C91 }
```

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