

# Converting Colors

Hex(BC6A8F)

Have a look what the booklet for  
Hex(BC6A8F) contains.

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# Color

Hex(**BC6A8F**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC6A8F
RGB	188, 106, 143
RGB Percent	74%, 42%, 56%
CMY	0.2627, 0.5843, 0.4392
CMYK	0.00, 0.44, 0.24, 0.26
HSL	333°, 38%, 58%
HSV	333°, 44%, 74%
XYZ	30.8510, 22.9826, 28.7967
YIQ	134.7360, 36.9950, 28.8910

# Conversions

## Conversions Part 2

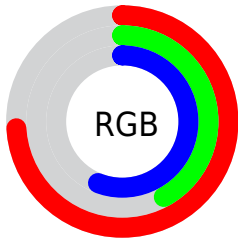
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 106, 143
Decimal	12348047
CIE <sub>Lab</sub>	55.05, 37.35, -5.87
CIE <sub>LCh</sub>	55, 37.811, 351.068
Yxy	22.9826, 0.3734, 0.2781
Android (android.graphics.Color)	4290538127 (0xFFBC6A8F)
YUV	134.7360, 4.0742, 46.7125
Hunter-Lab	47.9402, 30.9750, -2.0561

# Details

The Hex color **BC6A8F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **6ABC97**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **F69FC5**, and **85385D** is the 20% darker color. If you saturate the color by 10%, you get **BC5785**, and if you desaturate by 10%, it is **BC7D99**.

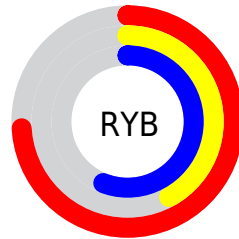
# Distribution



Red (74%)

Green (42%)

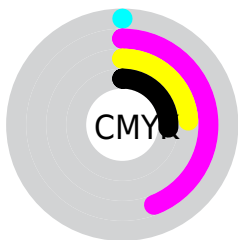
Blue (56%)



Red (74%)

Yellow (42%)

Blue (56%)

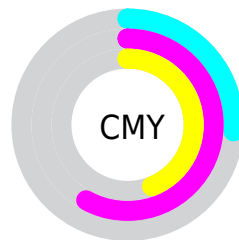


Cyan (0%)

Magenta (44%)

Yellow (24%)

Black (26%)



Cyan (26%)

Magenta (58%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC6A8F 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 BC6A8F by changing the saturation by 10% instead.



 BC6A8F

 BC6A8F

FFFFFF

 A05175

 F69FC5

 85385D

 FFBAE1

 6A1E45

 FFD7FD

 50012F

 FFF3FF

 37001A

 1E0001

 000000

 BC6A8F

 BC6A8F

 BC5785

 BC7D99

 BC447A

 BC90A4

 BC3270

 BCA2AE

 BC1F66

 BCB5B8

 BC0C5B

 BCC8C3

 BC0055

 BCDBCD

 BCEED7

 BCFFE2

 BCFFEC

# Harmonies

## Analogous

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



A373AD



BC6A8F



C26A6E

# Triad

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



BC6A8F



818945



0091B6

# Complementary

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



BC6A8F



6ABC97

# 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.



00959A



BC6A8F



5B9059

# Square

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



BC6A8F



A17F42



259479



368AC4

# Rectangle

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



BC6A8F



BD6F5A



259479



0093AE



# Sweetspot

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



BC6A8F



F5D5E3



966ABC



7A6770



FAFAFA



7A7A7A



# Same Dimension

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



BC6A8F



F576AF



BC6D6A



5E5559



9E0047



1F000E



# Inverse Universe

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



BC6A8F



F576AF



6AB9BC



5E5559



9E0047



1F000E



# Previews

## White Background



This preview shows how the Hex color BC6A8F looks on a white background.

## Color Contrast Check

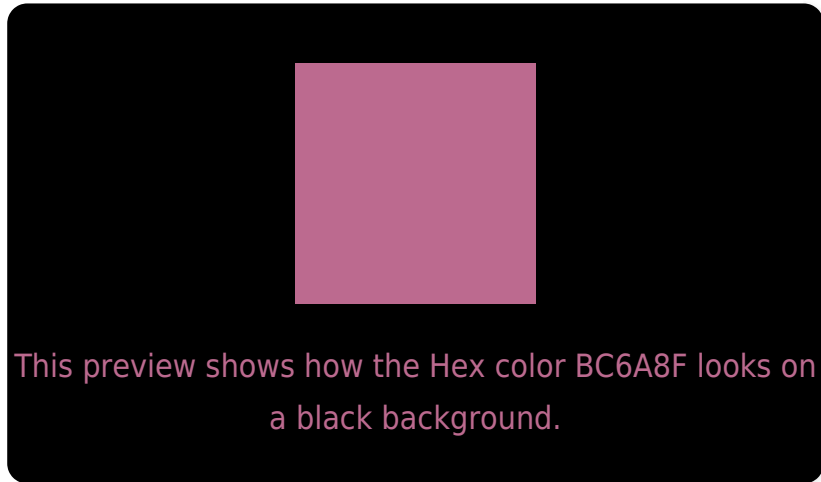
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC6A8F Background



This preview shows how black text looks on a background with the Hex color BC6A8F.



This preview shows how white text looks on a background with the Hex color BC6A8F.

# 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**  
BA6F77

# Trichromacy



**Original Color**  
BC6A8F



**Protanomaly**  
957A99



**Deuteranomaly**  
9F788C

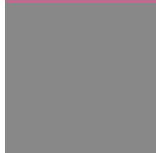


**Tritanomaly**  
BB6D80

# Monochromacy



**Original Color**  
BC6A8F



**Achromatopsia**  
878787



**Achromatomaly**  
9A7C8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC6A8F 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 #BC6A8F looks like.

```
.text, #text, p{  
    color:#BC6A8F  
}
```

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 #BC6A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC6A8F
}
```

## Border

The CSS property to change the border of an element to Hex BC6A8F 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
#BC6A8F }
```

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

```
.border{ border-color:#BC6A8F }
```

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

Here you see how a box with a 4 pixel #BC6A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC6A8F; -webkit-box-shadow:4px 4px  
4px 4px #BC6A8F; box-shadow:4px 4px 4px  
4px #BC6A8F }
```

# Background

The CSS property to change the background color of an element to Hex BC6A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC6A8F }
```

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

```
.background{ background-color:#BC6A8F }
```

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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