

# Converting Colors

Hex(BC6A76)

Have a look what the booklet for  
Hex(BC6A76) contains.

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# Color

**Hex(BC6A76)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC6A76
RGB	188, 106, 118
RGB Percent	74%, 42%, 46%
CMY	0.2627, 0.5843, 0.5373
CMYK	0.00, 0.44, 0.37, 0.26
HSL	351°, 38%, 58%
HSV	351°, 44%, 74%
XYZ	29.1631, 22.3074, 19.9082
YIQ	131.8860, 45.0200, 21.1160

# Conversions

## Conversions Part 2

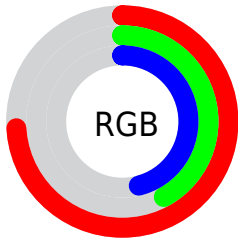
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">188, 106, 118</a>
Decimal	<a href="#">12348022</a>
CIELab	<a href="#">54.35, 34.00, 7.78</a>
CIElCh	<a href="#">54, 34.876, 12.891</a>
Yxy	<a href="#">22.3074, 0.4086, 0.3125</a>
Android (android.graphics.Color)	<a href="#">4290538102 (0xFFBC6A76)</a>
YUV	<a href="#">131.8860, -6.8458, 49.2120</a>
Hunter-Lab	<a href="#">47.2308, 27.5627, 8.0702</a>

# Details

The Hex color **BC6A76** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6ABC00**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F69FAA**, and **843846** is the 20% darker color. If you saturate the color by 10%, you get **BC5766**, and if you desaturate by 10%, it is **BC7D86**.

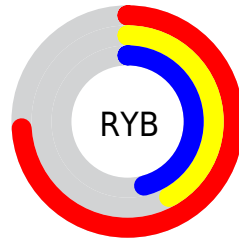
# Distribution



Red (74%)

Green (42%)

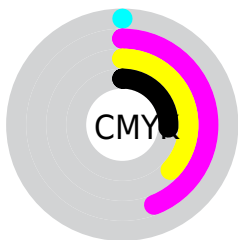
Blue (46%)



Red (74%)

Yellow (42%)

Blue (46%)

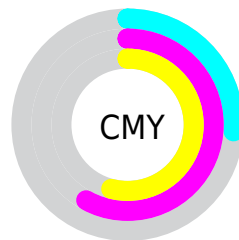


Cyan (0%)

Magenta (44%)

Yellow (37%)

Black (26%)



Cyan (26%)

Magenta (58%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC6A76 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 BC6A76 by changing the saturation by 10% instead.



 BC6A76

 BC6A76

FFFFFF

 A0515D

 F69FAA

 843846

 FFBA5C

 691F30

 FFD6E1

 4E041B

 FFF3FE

 360000

 150000

 000000

 BC6A76

 BC6A76

 BC5766

 BC7D86

 BC4456

 BC9096

 BC3246

 BCA2A6

 BC1F36

 BCB5B6

 BC0C26

 BCC8C6

 BC001C

 BCDBD6

 BCEEE6

 BCFFF6

 BCFFFF

# Harmonies

## Analogous

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



B16C94



BC6A76



B6705A

# Triad

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



BC6A76



678C55



2D8ABB

# Complementary

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



BC6A76



6ABC0

# 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.



0090AA



BC6A76



3E916F

# Square

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



BC6A76



888446



00928E



6A81BD

# Rectangle

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



BC6A76



AB774D



00928E



068CB7



# Sweetspot

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



BC6A76



F5D5DA



B06ABC



7A676A



FAFAFA



7A7A7A



# Same Dimension

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



BC6A76



F57688



BC876A



5E5556



9E0017



1F0004



# Inverse Universe

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



BC6A76



F57688



6A9FBC



5E5556



9E0017

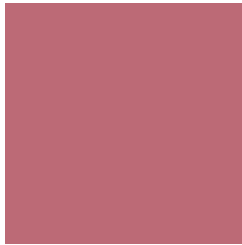


1F0004



# Previews

## White Background



This preview shows how the Hex color BC6A76 looks on a white background.

## Color Contrast Check

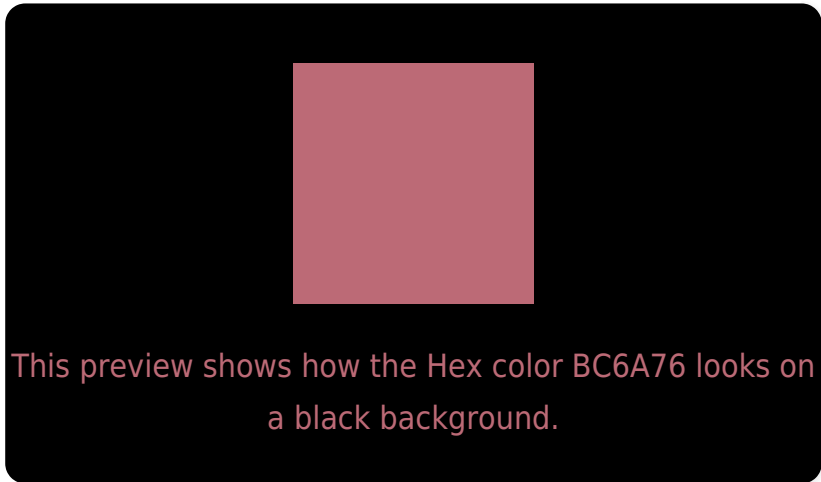
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC6A76 Background



This preview shows how black text looks on a background with the Hex color BC6A76.



This preview shows how white text looks on a background with the Hex color BC6A76.

# 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**  
BC6B72

# Trichromacy



**Original Color**  
BC6A76

**Protanomaly**  
99797E

**Deuteranomaly**  
A37774

**Tritanomaly**  
BC6B73

# Monochromacy



**Original Color**  
BC6A76

**Achromatopsia**  
848484

**Achromatomaly**  
987B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC6A76 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 #BC6A76 looks like.

```
.text, #text, p{  
    color:#BC6A76  
}
```

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 #BC6A76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC6A76
}
```

## Border

The CSS property to change the border of an element to Hex BC6A76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

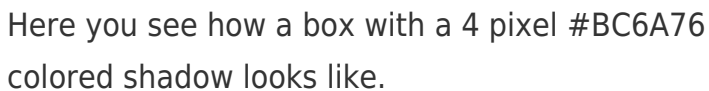
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC6A76 }
```

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

```
.border{ border-color:#BC6A76 }
```

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



Here you see how a box with a 4 pixel `#BC6A76` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC6A76; -webkit-box-shadow:4px 4px  
4px 4px #BC6A76; box-shadow:4px 4px 4px  
4px #BC6A76 }
```

# Background

The CSS property to change the background color of an element to Hex BC6A76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC6A76 }
```

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

```
.background{ background-color:#BC6A76 }
```

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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