

# Converting Colors

Hex(BC77A1)

Have a look what the booklet for  
Hex(BC77A1) contains.

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# **Color**

**Hex(BC77A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC77A1
RGB	188, 119, 161
RGB Percent	74%, 47%, 63%
CMY	0.2627, 0.5333, 0.3686
CMYK	0.00, 0.37, 0.14, 0.26
HSL	323°, 34%, 60%
HSV	323°, 37%, 74%
XYZ	33.7689, 26.4582, 37.0453
YIQ	144.4190, 27.6420, 27.6900

# Conversions

## Conversions Part 2

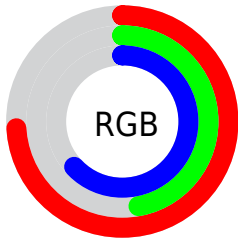
Format	Color
R <sub>Y</sub> B	188, 119, 161
Decimal	12351393
CIE Lab	58.47, 33.14, -11.23
CIE LCh	58, 34.991, 341.286
Yxy	26.4582, 0.3472, 0.2720
Android (android.graphics.Color)	4290541473 (0xFFBC77A1)
YUV	144.4190, 8.1744, 38.2205
Hunter-Lab	51.4376, 27.1700, -6.6944

# Details

The Hex color **BC77A1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77BC92**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **F5ACD8**, and **85456D** is the 20% darker color. If you saturate the color by 10%, you get **BC649A**, and if you desaturate by 10%, it is **BC8AA8**.

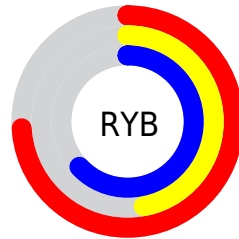
# Distribution



Red (74%)

Green (47%)

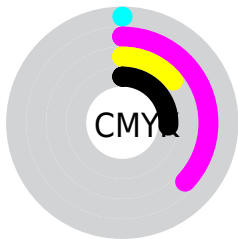
Blue (63%)



Red (74%)

Yellow (47%)

Blue (63%)

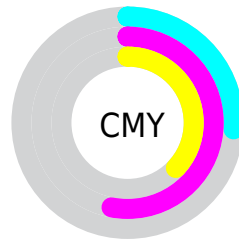


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (53%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC77A1 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 BC77A1 by changing the saturation by 10% instead.



 BC77A1

 BC77A1

FFFFFF

 A05E87

 F5ACD8

 85456D

 FFC8F4

 6B2D55

 FFE4FF

 52143E

 390028

 240013

 000000

 BC77A1

 BC77A1

 BC649A

 BC8AA8

 BC5192

 BC9DB0

 BC3F8B

 BCAFB7

 BC2C84

 BCC2BE

 BC197C

 BCD5C6

 BC0675

 BCE8CD

 BC0072

 BCFBD4

 BCFFDC

 BCFFE3

# Harmonies

## Analogous

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



9F80BB



BC77A1



C87482

# Triad

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



BC77A1



958F4F



009BB4

# Complementary

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



BC77A1



77BC92

# 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.



129D98



BC77A1



73975D

# Square

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



BC77A1



B18453



4C9B78



3895C6

# Rectangle

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



BC77A1



C6776E



4C9B78



009CAB



# Sweetspot

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



BC77A1



F5DAEA



9177BC



7A6A74



FAFAFA



7A7A7A



# Same Dimension

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



BC77A1



F589CB



BC777F



5E555B



9E0060



1F0013



# Inverse Universe

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



BC77A1



F589CB



77BCB4



5E555B



9E0060

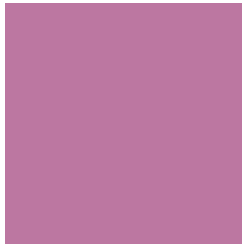


1F0013



# Previews

## White Background



This preview shows how the Hex color BC77A1 looks on a white background.

## Color Contrast Check

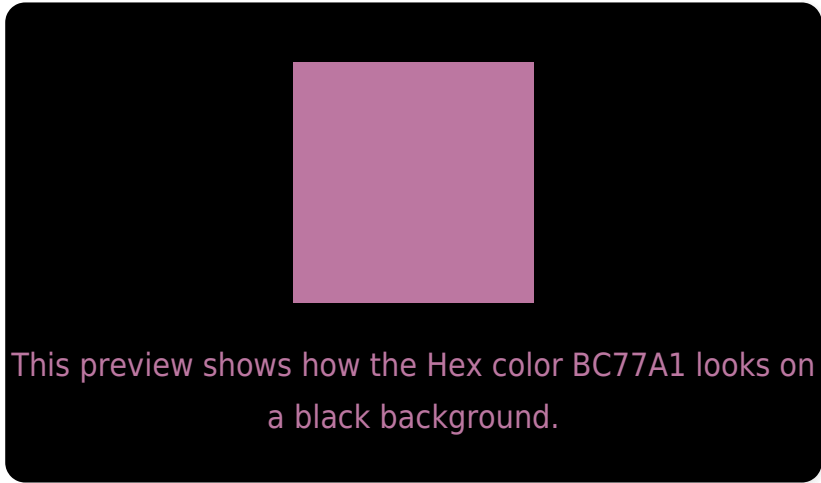
Large Text (above 18pt) WCAG AA ✓ Pass

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

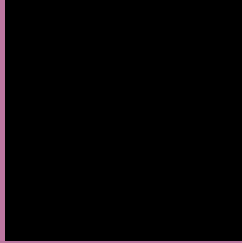
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BC77A1 Background



This preview shows how black text looks on a background with the Hex color BC77A1.

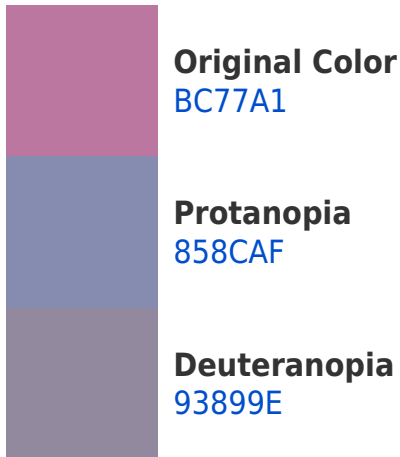



This preview shows how white text looks on a background with the Hex color BC77A1.

# 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**  
B97C86

# Trichromacy



**Original Color**  
BC77A1



**Protanomaly**  
9984AA



**Deuteranomaly**  
A2829F

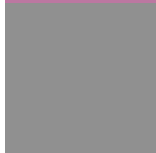


**Tritanomaly**  
BA7A90

# Monochromacy



**Original Color**  
BC77A1



**Achromatopsia**  
909090



**Achromatomaly**  
A08796

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC77A1 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 #BC77A1 looks like.

```
.text, #text, p{  
    color:#BC77A1  
}
```

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 #BC77A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC77A1
}
```

## Border

The CSS property to change the border of an element to Hex BC77A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

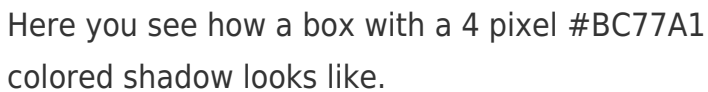
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC77A1 }
```

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

```
.border{ border-color:#BC77A1 }
```

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



Here you see how a box with a 4 pixel `#BC77A1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC77A1; -webkit-box-shadow:4px 4px  
4px 4px #BC77A1; box-shadow:4px 4px 4px  
4px #BC77A1 }
```

# Background

The CSS property to change the background color of an element to Hex BC77A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC77A1 }
```

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

```
.background{ background-color:#BC77A1 }
```

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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