

# Converting Colors

Hex(BC77AA)

Have a look what the booklet for  
Hex(BC77AA) contains.

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# Color

Hex(**BC77AA**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC77AA
RGB	188, 119, 170
RGB Percent	74%, 47%, 67%
CMY	0.2627, 0.5333, 0.3333
CMYK	0.00, 0.37, 0.10, 0.26
HSL	316°, 34%, 60%
HSV	316°, 37%, 74%
XYZ	34.5916, 26.7873, 41.3775
YIQ	145.4450, 24.7530, 30.4890

# Conversions

## Conversions Part 2

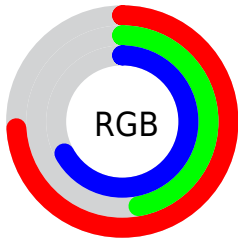
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 119, 170
Decimal	12351402
CIELab	58.78, 34.67, -15.94
CIELCh	59, 38.157, 335.308
Yxy	26.7873, 0.3366, 0.2607
Android (android.graphics.Color)	4290541482 (0xFFBC77AA)
YUV	145.4450, 12.1056, 37.3207
Hunter-Lab	51.7564, 28.7272, -11.1708

# Details

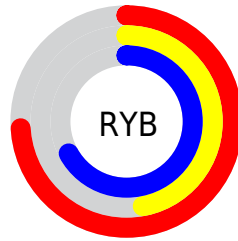
The Hex color **BC77AA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **77BC89**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F5ACE1**, and **854576** is the 20% darker color. If you saturate the color by 10%, you get **BC64A5**, and if you desaturate by 10%, it is **BC8AAF**.

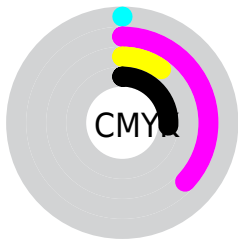
# Distribution



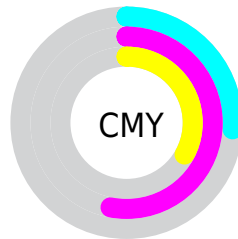
- Red (74%)
- Green (47%)
- Blue (67%)



- Red (74%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (53%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC77AA 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 BC77AA by changing the saturation by 10% instead.



 BC77AA

 BC77AA

FFFFFF

 A05D8F

 F5ACE1

 854576

 FFC8FE

 6B2C5D

 FFE4FF

 521345

 39002F

 25001A

 000000

 BC77AA

 BC77AA

 BC64A5

 BC8AAF

 BC51A0

 BC9DB4

 BC3F9B

 BCAFB9

 BC2C96

 BCC2BE

 BC1991

 BCD5C3

 BC068D

 BCE8C7

 BC008B

 BCFBCC

 BCFFD1

 BCFFD6

# Harmonies

## Analogous

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



9882C4



BC77AA



CC7289

# Triad

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



BC77AA



9D8D49



009EB3

# Complementary

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



BC77AA



77BC89

# 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.



009F92



BC77AA



799755

# Square

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



BC77AA



B98251



4E9D70



0098CA

# Rectangle

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



BC77AA



CD7473



4E9D70



009EA9



# Sweetspot

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



BC77AA



F5DAEE



8877BC



7A6A76



FAFAFA



7A7A7A



# Same Dimension

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



BC77AA



F589D9



BC7788



5E555C



9E0075



1F0017



# Inverse Universe

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



BC77AA



F589D9



77BCAB



5E555C



9E0075

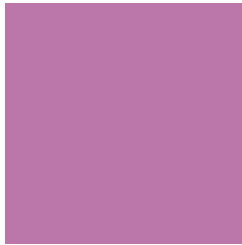


1F0017



# Previews

## White Background



This preview shows how the Hex color BC77AA looks on a white background.

## Color Contrast Check

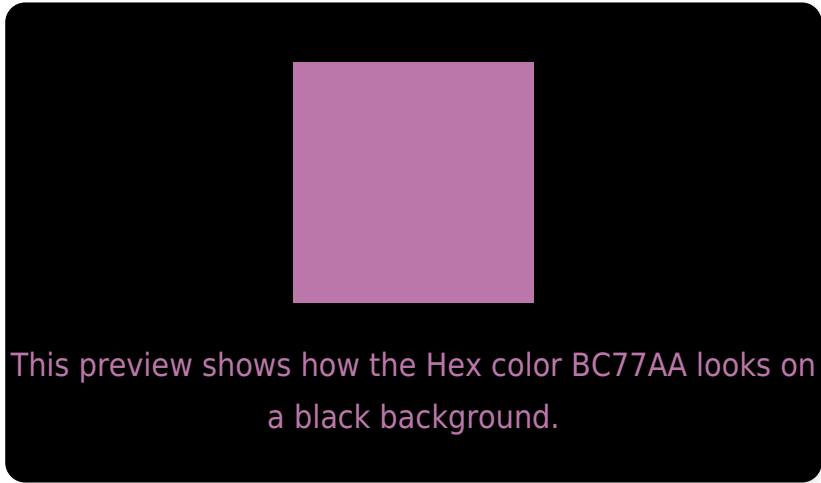
Large Text (above 18pt) WCAG AA ✓ Pass

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

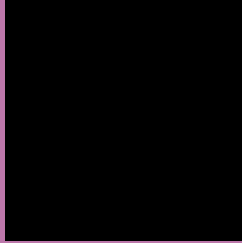
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BC77AA Background



This preview shows how black text looks on a background with the Hex color BC77AA.

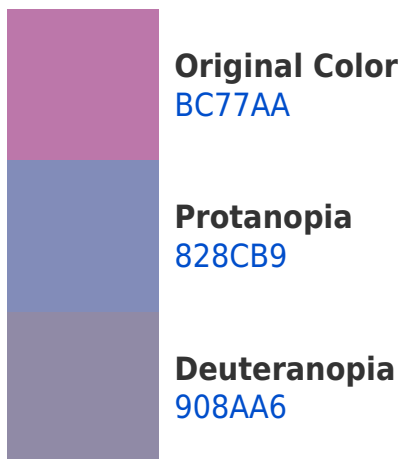


This preview shows how white text looks on a background with the Hex color BC77AA.

# 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**  
B87E87

# Trichromacy



**Original Color**  
BC77AA

**Protanomaly**  
9784B4

**Deuteranomaly**  
A083A7

**Tritanomaly**  
B97B94

# Monochromacy



**Original Color**  
BC77AA

**Achromatopsia**  
919191

**Achromatomaly**  
A1889A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC77AA 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 #BC77AA looks like.

```
.text, #text, p{  
    color:#BC77AA  
}
```

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 #BC77AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC77AA
}
```

## Border

The CSS property to change the border of an element to Hex BC77AA 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
#BC77AA }
```

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

```
.border{ border-color:#BC77AA }
```

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

Here you see how a box with a 4 pixel #BC77AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC77AA; -webkit-box-shadow:4px 4px  
4px 4px #BC77AA; box-shadow:4px 4px 4px  
4px #BC77AA }
```

# Background

The CSS property to change the background color of an element to Hex BC77AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC77AA }
```

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

```
.background{ background-color:#BC77AA }
```

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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