

# Converting Colors

Hex(BF77C1)

Have a look what the booklet for  
Hex(BF77C1) contains.

<b>Hex(BF77C1)</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(BF77C1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BF77C1
RGB	191, 119, 193
RGB Percent	75%, 47%, 76%
CMY	0.2510, 0.5333, 0.2431
CMYK	0.01, 0.38, 0.00, 0.24
HSL	298°, 37%, 61%
HSV	298°, 38%, 76%
XYZ	37.7083, 28.1203, 53.8924
YIQ	148.9640, 19.1580, 38.2780

# Conversions

## Conversions Part 2

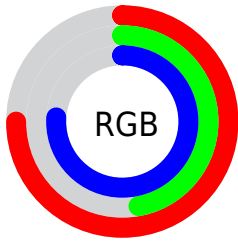
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">191, 119, 193</a>
Decimal	<a href="#">12548033</a>
CIELab	<a href="#">60.00, 39.82, -27.17</a>
CIELCh	<a href="#">60, 48.212, 325.691</a>
Yxy	<a href="#">28.1203, 0.3150, 0.2349</a>
Android (android.graphics.Color)	<a href="#">4290738113 (0xFFBF77C1)</a>
YUV	<a href="#">148.9640, 21.7097, 36.8656</a>
Hunter-Lab	<a href="#">53.0286, 34.1304, -23.1358</a>

# Details

The Hex color **BF77C1** is a light color, and the websafe version is hex **996699**. A complement of this color would be **79C177**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **F9ADFA**, and **88448B** is the 20% darker color. If you saturate the color by 10%, you get **BE64C1**, and if you desaturate by 10%, it is **C08AC1**.

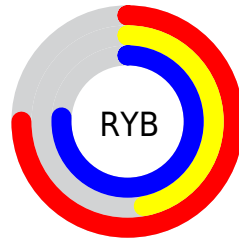
# Distribution



Red (75%)

Green (47%)

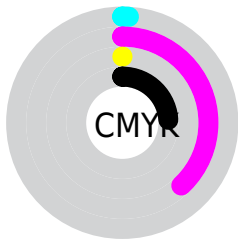
Blue (76%)



Red (75%)

Yellow (47%)

Blue (76%)

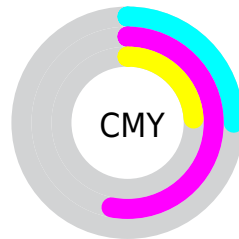


Cyan (1%)

Magenta (38%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (53%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BF77C1 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 BF77C1 by changing the saturation by 10% instead.



 BF77C1

 BF77C1

FFFFFF

 A35DA6

 F9ADFA

 88448B

 FFC8FF

 6E2B71

 FFE5FF

 541159

 3B0041

 27002B

 000115

 000000

 BF77C1

 BF77C1

 BE64C1

 C08AC1

 BE50C1

 C09EC1

 BD3DC1

 C1B1C1

 BD2AC1

 C1C4C1

 BC17C1

 C2D8C1

 BC03C1

 C2EBC1

 BC00C1

 C3FEC1

 C3FFC1

 C4FFC1

# Harmonies

## Analogous

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



8988DD



BF77C1



DB6C99

# Triad

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



BF77C1



AE8C38



00A5B4

# Complementary

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



BF77C1



79C177

# 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.



00A589



BF77C1



859940

# Square

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



BF77C1



CE7C4B



4FA15F



00A1D6

# Rectangle

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



BF77C1



E06C7C



4FA15F



00A6A6



# Sweetspot

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



BF77C1



F9DCFA



7779C1



7C6B7D



FCFCFC



7D7D7D



# Same Dimension

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



BF77C1



F787FA



C1779E



615761



9C00A1



200021



# Inverse Universe

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



C17779



FA878A



77C19A



615757



A10004



210001



# Previews

## White Background



This preview shows how the Hex color BF77C1 looks on a white background.

## Color Contrast Check

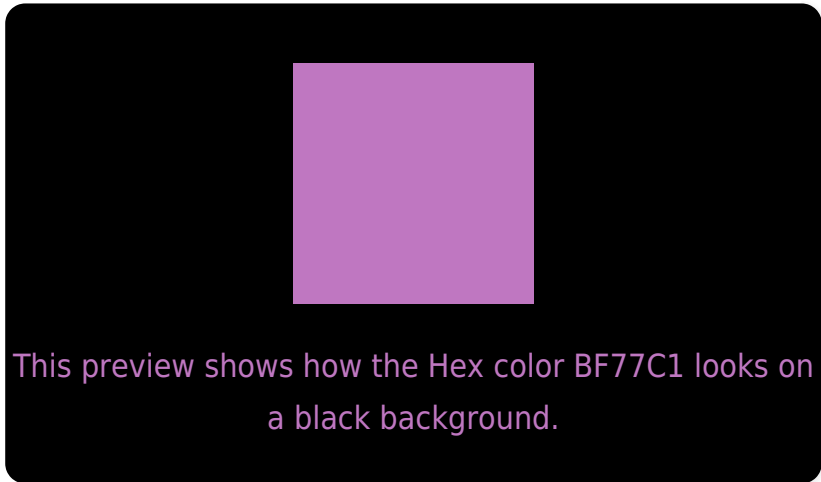
Large Text (above 18pt) WCAG AA ✓ Pass

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

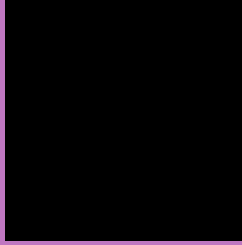
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex BF77C1 Background



This preview shows how black text looks on a background with the Hex color BF77C1.

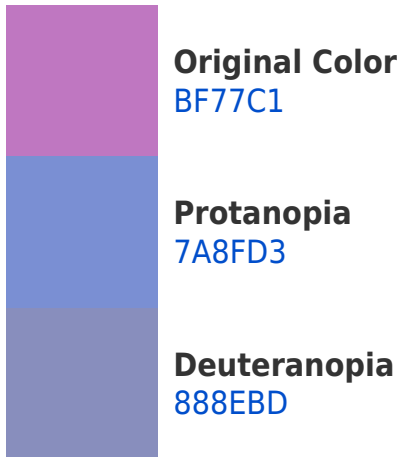


This preview shows how white text looks on a background with the Hex color BF77C1.

# 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**  
B8828C

# Trichromacy



**Original Color**  
BF77C1



**Protanomaly**  
9386CC



**Deuteranomaly**  
9C86BE



**Tritanomaly**  
BB7E9F

# Monochromacy



**Original Color**  
BF77C1



**Achromatopsia**  
959595



**Achromatomaly**  
A48AA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BF77C1 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 #BF77C1 looks like.

```
.text, #text, p{  
    color:#BF77C1  
}
```

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 #BF77C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF77C1
}
```

## Border

The CSS property to change the border of an element to Hex BF77C1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

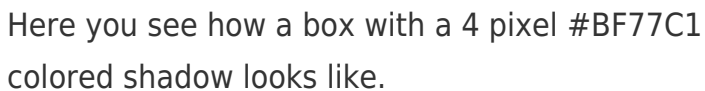
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BF77C1 }
```

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

```
.border{ border-color:#BF77C1 }
```

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



Here you see how a box with a 4 pixel `#BF77C1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF77C1; -webkit-box-shadow:4px 4px  
4px 4px #BF77C1; box-shadow:4px 4px 4px  
4px #BF77C1 }
```

# Background

The CSS property to change the background color of an element to Hex BF77C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF77C1 }
```

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

```
.background{ background-color:#BF77C1 }
```

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