

# Converting Colors

Hex(B77E9F)

Have a look what the booklet for  
Hex(B77E9F) contains.

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# **Color**

**Hex(B77E9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B77E9F
RGB	183, 126, 159
RGB Percent	72%, 49%, 62%
CMY	0.2824, 0.5059, 0.3765
CMYK	0.00, 0.31, 0.13, 0.28
HSL	325°, 28%, 61%
HSV	325°, 31%, 72%
XYZ	33.2473, 27.4922, 36.3551
YIQ	146.8050, 23.3790, 22.3470

# Conversions

## Conversions Part 2

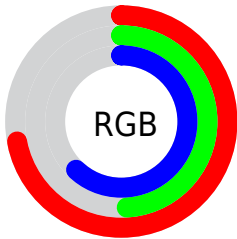
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 126, 159
Decimal	12025503
CIELab	59.43, 27.18, -8.70
CIELCh	59, 28.539, 342.246
Yxy	27.4922, 0.3424, 0.2831
Android (android.graphics.Color)	4290215583 (0xFFB77E9F)
YUV	146.8050, 6.0121, 31.7430
Hunter-Lab	52.4330, 21.4275, -4.4064

# Details

The Hex color **B77E9F** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7EB796**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F0B3D6**, and **814C6C** is the 20% darker color. If you saturate the color by 10%, you get **B76C97**, and if you desaturate by 10%, it is **B790A7**.

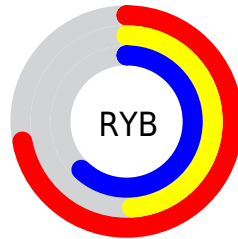
# Distribution



Red (72%)

Green (49%)

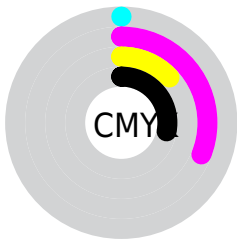
Blue (62%)



Red (72%)

Yellow (49%)

Blue (62%)

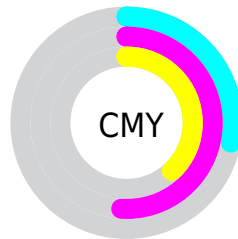


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (28%)



Cyan (28%)

Magenta (51%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B77E9F 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 B77E9F by changing the saturation by 10% instead.





B77E9F



B77E9F

FFFFFF



9C6585



F0B3D6



814C6C



FFCFF2



673453



FFE8FF



4E1D3C



360626



230012



000000



B77E9F



B77E9F



B76C97



B790A7

 B75990

 B7A3AE

 B74788

 B7B5B6

 B73580

 B7C7BE

 B72378

 B7DAC6

 B71071

 B7ECCD

 B7006A

 B7FED5

 B7FFDD

 B7FFE4

# Harmonies

## Analogous

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



9F85B4



B77E9F



C17C86

# Triad

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



B77E9F



96915E



3B9BB0

# Complementary

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



B77E9F



7EB796

# 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.



419D99



B77E9F



7A9869

# Square

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



B77E9F



AD8860



5C9C7F



5796BE

# Rectangle

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



B77E9F



C07E76



5C9C7F



399CA9



# Sweetspot

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



B77E9F



EDD8E4



967EB7



786B72



F7F7F7



787878



# Same Dimension

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



B77E9F



ED95C8



B77E83



5C5358



9C005A



1C0010



# Inverse Universe

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



B77E9F



ED95C8



7EB7B2



5C5358



9C005A

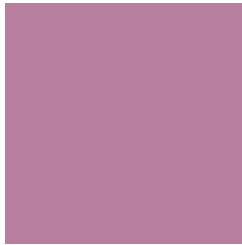


1C0010



# Previews

## White Background



This preview shows how the Hex color B77E9F looks on a white background.

## Color Contrast Check

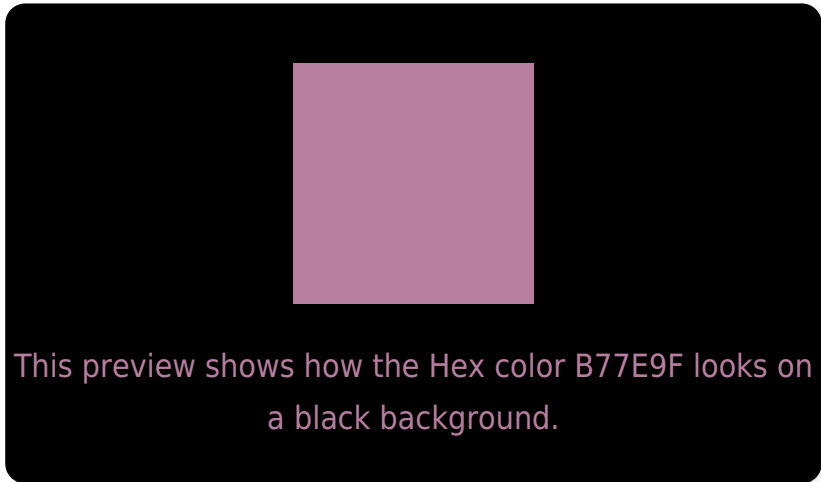
Large Text (above 18pt) WCAG AA ✓ Pass

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

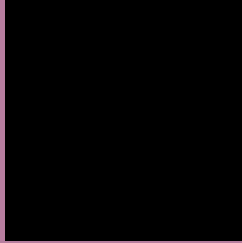
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B77E9F Background



This preview shows how black text looks on a background with the Hex color B77E9F.



This preview shows how white text looks on a background with the Hex color B77E9F.

# 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**  
B5828B

# Trichromacy



**Original Color**  
B77E9F

**Protanomaly**  
9A88A6

**Deuteranomaly**  
A3869E

**Tritanomaly**  
B68192

# Monochromacy



**Original Color**  
B77E9F

**Achromatopsia**  
939393

**Achromatomaly**  
A08B97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B77E9F 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 #B77E9F looks like.

```
.text, #text, p{  
    color:#B77E9F  
}
```

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 #B77E9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77E9F
}
```

## Border

The CSS property to change the border of an element to Hex B77E9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

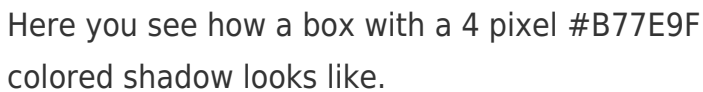
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B77E9F }
```

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

```
.border{ border-color:#B77E9F }
```

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



Here you see how a box with a 4 pixel #B77E9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77E9F; -webkit-box-shadow:4px 4px  
4px 4px #B77E9F; box-shadow:4px 4px 4px  
4px #B77E9F }
```

# Background

The CSS property to change the background color of an element to Hex B77E9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77E9F }
```

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

```
.background{ background-color:#B77E9F }
```

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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