

Converting Colors

Hex(B77F9B)

Have a look what the booklet for
Hex(B77F9B) contains.

Hex(B77F9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B77F9B)

Conversions

Conversions Part 1

Format	Color
Hex	B77F9B
RGB	183, 127, 155
RGB Percent	72%, 50%, 61%
CMY	0.2824, 0.5020, 0.3922
CMYK	0.00, 0.31, 0.15, 0.28
HSL	330°, 28%, 61%
HSV	330°, 31%, 72%
XYZ	33.0342, 27.6126, 34.5990
YIQ	146.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

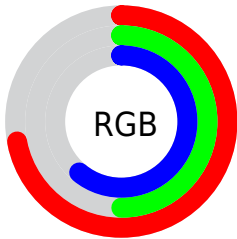
Format	Color
RYB	183, 127, 155
Decimal	12025755
CIELab	59.54, 25.95, -6.24
CIELCh	60, 26.692, 346.476
Yxy	27.6126, 0.3468, 0.2899
Android (android.graphics.Color)	4290215835 (0xFFB77F9B)
YUV	146.9360, 3.9756, 31.6281
Hunter-Lab	52.5477, 20.2560, -2.2550

Details

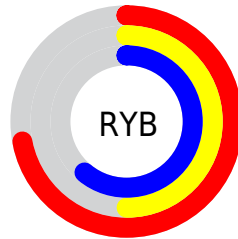
The Hex color **B77F9B** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7FB79B**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **F0B4D1**, and **814D68** is the 20% darker color. If you saturate the color by 10%, you get **B76D92**, and if you desaturate by 10%, it is **B791A4**.

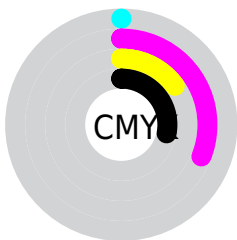
Distribution



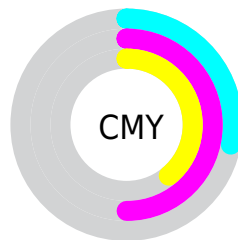
- Red (72%)
- Green (50%)
- Blue (61%)



- Red (72%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (28%)



- Cyan (28%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B77F9B 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 B77F9B by changing the saturation by 10% instead.

 B77F9B

 B77F9B

FFFFFF

 9C6681

 F0B4D1

 814D68

 FFD0EE

 673550

 FFECFF

 4E1E39

 360723

 23000E

 000000

 B77F9B

 B77F9B

 B76D92

 B791A4

 B75A89

 B7A4AD

 B74880

 B7B6B6

 B73676

 B7C8C0

 B7246D

 B7DBC9

 B71164

 B7EDD2

 B7005C

 B7FFDB

 B7FFE4

 B7FFED

Harmonies

Analogous

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



A385B0



B77F9B



BE7E83

Triad

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



B77F9B



939262



479AB1

Complementary

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



B77F9B



7FB79B

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.



479C9C



B77F9B



78986E

Square

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



B77F9B



A98A62



5D9C84



6195BC

Rectangle

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



B77F9B



BC8175



5D9C84



449BAA

Sweetspot

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



B77F9B



EDD8E2



9B7FB7



786B71



F7F7F7



787878

Same Dimension

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



B77F9B



ED95C1



B77F7F



5C5357



9C004E



1C000E

Inverse Universe

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



B77F9B



ED95C1



7FB7B7



5C5357



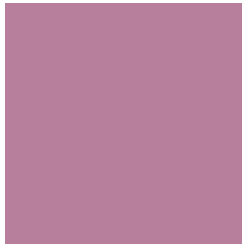
9C004E



1C000E

Previews

White Background



This preview shows how the Hex color B77F9B looks on a white background.

Color Contrast Check

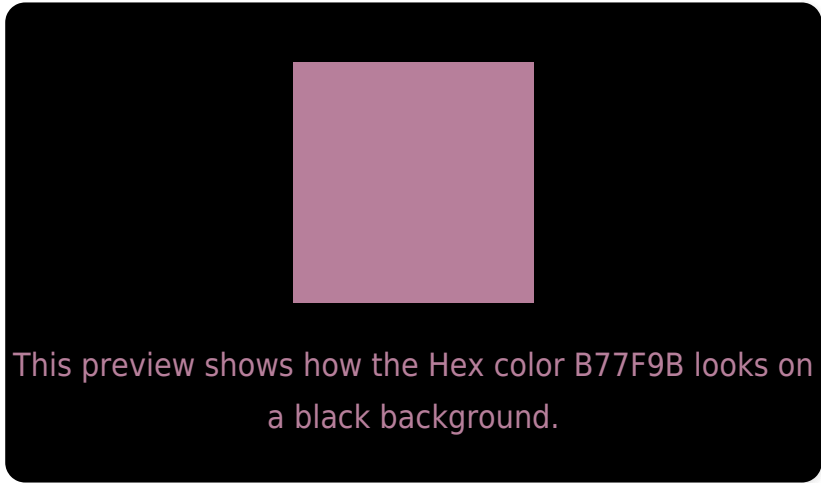
Large Text (above 18pt) WCAG AA ✓ Pass

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 B77F9B Background



This preview shows how black text looks on a background with the Hex color B77F9B.

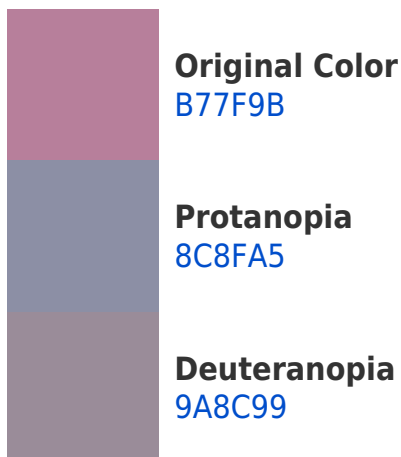



This preview shows how white text looks on a background with the Hex color B77F9B.

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
B5828C

Trichromacy



Original Color
B77F9B

Protanomaly
9C89A1

Deuteranomaly
A5879A

Tritanomaly
B68191

Monochromacy



Original Color
B77F9B

Achromatopsia
939393

Achromatomaly
A08C96

CSS Examples

Text

The CSS property to change the color of the text to Hex B77F9B 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 #B77F9B looks like.

```
.text, #text, p{  
    color:#B77F9B  
}
```

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 #B77F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B77F9B
}
```

Border

The CSS property to change the border of an element to Hex B77F9B 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
#B77F9B }
```

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

```
.border{ border-color:#B77F9B }
```

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

Here you see how a box with a 4 pixel #B77F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B77F9B; -webkit-box-shadow:4px 4px  
4px 4px #B77F9B; box-shadow:4px 4px 4px  
4px #B77F9B }
```

Background

The CSS property to change the background color of an element to Hex B77F9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B77F9B }
```

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

```
.background{ background-color:#B77F9B }
```

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