

# Converting Colors

Hex(B78B7F)

Have a look what the booklet for  
Hex(B78B7F) contains.

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**Color**

**Hex(B78B7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B78B7F
RGB	183, 139, 127
RGB Percent	72%, 55%, 50%
CMY	0.2824, 0.4549, 0.5020
CMYK	0.00, 0.24, 0.31, 0.28
HSL	13°, 28%, 61%
HSV	13°, 31%, 72%
XYZ	32.5918, 30.0648, 24.1640
YIQ	150.7880, 30.0760, 5.5960

# Conversions

## Conversions Part 2

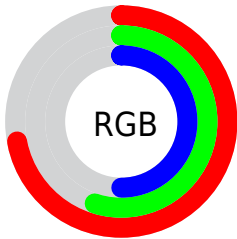
<b>Format</b>	<b>Color</b>
<b>RYB</b>	183, 142, 127
Decimal	12028799
CIELab	61.71, 15.01, 12.90
CIElCh	62, 19.788, 40.668
Yxy	30.0648, 0.3754, 0.3463
Android (android.graphics.Color)	4290218879 (0xFFB78B7F)
YUV	150.7880, -11.7275, 28.2499
Hunter-Lab	54.8314, 10.1456, 12.2531

# Details

The Hex color **B78B7F** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7FABB7**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **F0C1B4**, and **81594E** is the 20% darker color. If you saturate the color by 10%, you get **B77D6D**, and if you desaturate by 10%, it is **B79991**.

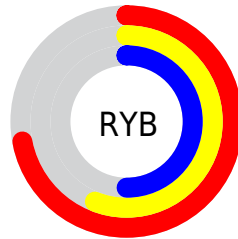
# Distribution



Red (72%)

Green (55%)

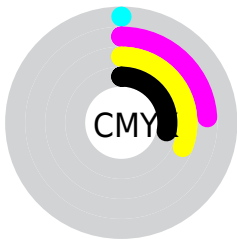
Blue (50%)



Red (72%)

Yellow (56%)

Blue (50%)

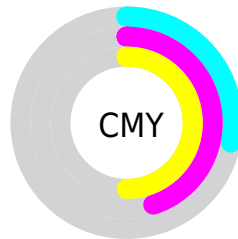


Cyan (0%)

Magenta (24%)

Yellow (31%)

Black (28%)



Cyan (28%)

Magenta (45%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B78B7F 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 B78B7F by changing the saturation by 10% instead.





B78B7F



B78B7F

FFFFFF



9C7166



F0C1B4



81594E



FFDDCF



674137



FFF9EC



4E2B22



36160C



200000



000000



B78B7F



B78B7F



B77D6D



B79991

 B76E5A

 B7A8A4

 B76048

 B7B6B6

 B75136

 B7C5C8

 B74324

 B7D3DB

 B73511

 B7E1ED

 B72700

 B7F0FF

 B7FEFF

 B7FFFF

# Harmonies

## Analogous

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



B9898F



B78B7F



AD9074

# Triad

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



B78B7F



759E89



8994B7

# Complementary

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



B78B7F



7FABB7

# 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.



729AB6



B78B7F



679F9B

# Square

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



B78B7F



889B7A



659EAB



A08EB0

# Rectangle

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



B78B7F



A29472



659EAB



8196B8



# Sweetspot

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



B78B7F



EDDCD8



B77FAC



786D6B



F7F7F7



787878



# Same Dimension

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



B78B7F



EDA895



B7A67F



5C5553



9C2100



1C0600



# Inverse Universe

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



7FABB7



95DAED



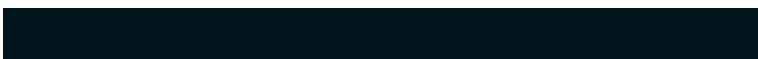
7F90B7



535A5C



007A9C



00161C



# Previews

## White Background



This preview shows how the Hex color B78B7F looks on a white background.

## Color Contrast Check

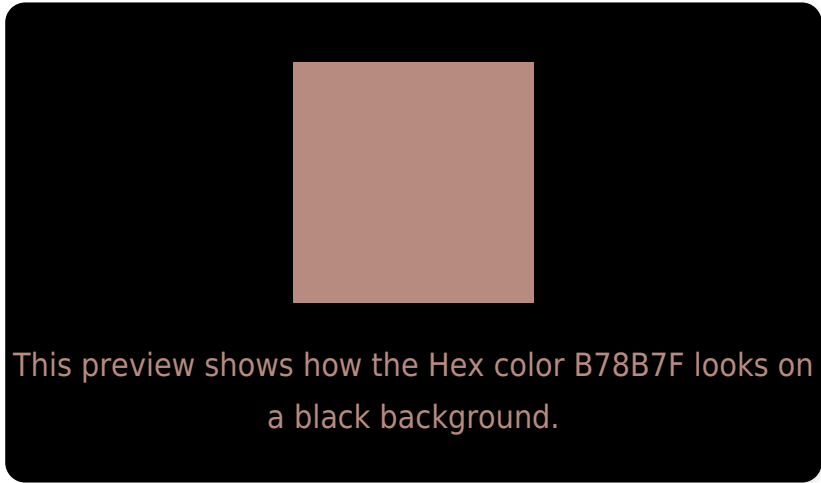
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex B78B7F Background



This preview shows how black text looks on a background with the Hex color B78B7F.



This preview shows how white text looks on a background with the Hex color B78B7F.

# 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



**Original Color**  
B78B7F

**Protanopia**  
9C9584

**Deuteranopia**  
AC907E



**Tritanopia**  
B98893

# Trichromacy



**Original Color**  
B78B7F

**Protanomaly**  
A69182

**Deuteranomaly**  
B08E7E

**Tritanomaly**  
B8898C

# Monochromacy



**Original Color**  
B78B7F

**Achromatopsia**  
979797

**Achromatomaly**  
A3938E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B78B7F 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 #B78B7F looks like.

```
.text, #text, p{  
    color:#B78B7F  
}
```

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 #B78B7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78B7F
}
```

## Border

The CSS property to change the border of an element to Hex B78B7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

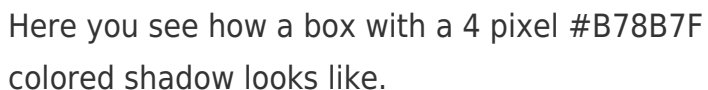
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B78B7F }
```

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

```
.border{ border-color:#B78B7F }
```

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



Here you see how a box with a 4 pixel #B78B7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78B7F; -webkit-box-shadow:4px 4px  
4px 4px #B78B7F; box-shadow:4px 4px 4px  
4px #B78B7F }
```

# Background

The CSS property to change the background color of an element to Hex B78B7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78B7F }
```

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

```
.background{ background-color:#B78B7F }
```

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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