

# Converting Colors

Hex(B78B7B)

Have a look what the booklet for  
Hex(B78B7B) contains.

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**Color**

**Hex(B78B7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B78B7B</b>
RGB	<b>183, 139, 123</b>
RGB Percent	<b>72%, 55%, 48%</b>
CMY	<b>0.2824, 0.4549, 0.5176</b>
CMYK	<b>0.00, 0.24, 0.33, 0.28</b>
HSL	<b>16°, 29%, 60%</b>
HSV	<b>16°, 33%, 72%</b>
XYZ	<b>32.3362, 29.9626, 22.8179</b>
YIQ	<b>150.3320, 31.3600, 4.3520</b>

# Conversions

## Conversions Part 2

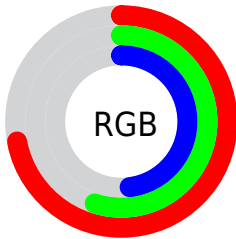
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 145, 123
Decimal	12028795
CIE <sub>Lab</sub>	61.62, 14.47, 15.03
CIE <sub>LCh</sub>	62, 20.868, 46.092
Yxy	29.9626, 0.3799, 0.3520
Android (android.graphics.Color)	4290218875 (0xFFB78B7B)
YUV	150.3320, -13.4747, 28.6498
Hunter-Lab	54.7381, 9.6562, 13.6012

# Details

The Hex color **B78B7B** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **7BA7B7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F0C1AF**, and **81594A** is the 20% darker color. If you saturate the color by 10%, you get **B77E69**, and if you desaturate by 10%, it is **B7988D**.

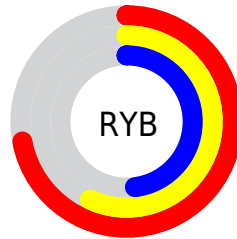
# Distribution



Red (72%)

Green (55%)

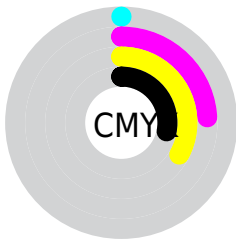
Blue (48%)



Red (72%)

Yellow (57%)

Blue (48%)

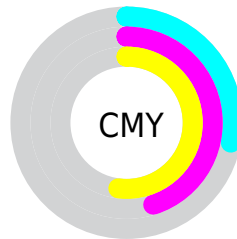


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (28%)



Cyan (28%)

Magenta (45%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B78B7B 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 B78B7B by changing the saturation by 10% instead.




 B78B7B

 B78B7B

FFFFFF

 9B7162

 F0C1AF

 81594A

 FFDDCB

 674134

 FFF9E7

 4D2B1E

 351606

 200000

 000000

 B78B7B

 B78B7B

 B77E69

 B7988D

 B77056

 B7A6A0

 B76344

 B7B3B2

 B75532

 B7C1C4

 B74820

 B7CED7

 B73A0D

 B7DCE9

 B73100

 B7E9FB

 B7F6FF

 B7FFFF

# Harmonies

## Analogous

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



BB888B



B78B7B



AB9171

# Triad

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



B78B7B



6F9F8B



8C93B8

# Complementary

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



B78B7B



7BA7B7

# 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.



7499B8



B78B7B



629F9E

# Square

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



B78B7B



839C7B



639DAF



A48DAF

# Rectangle

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



B78B7B



9F9570



639DAF



8495B9



# Sweetspot

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



B78B7B



EDDCD5



B77BA7



786D69



F7F7F7



787878



# Same Dimension

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



B78B7B



EDA991



B7A87B



5C5553



9C2900



1C0700



# Inverse Universe

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



7BA7B7



91D4ED



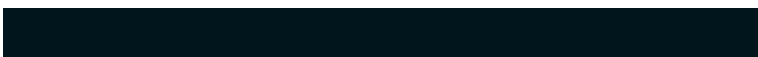
7B89B7



53595C



00729C



00151C



# Previews

## White Background



This preview shows how the Hex color B78B7B looks on a white background.

## Color Contrast Check

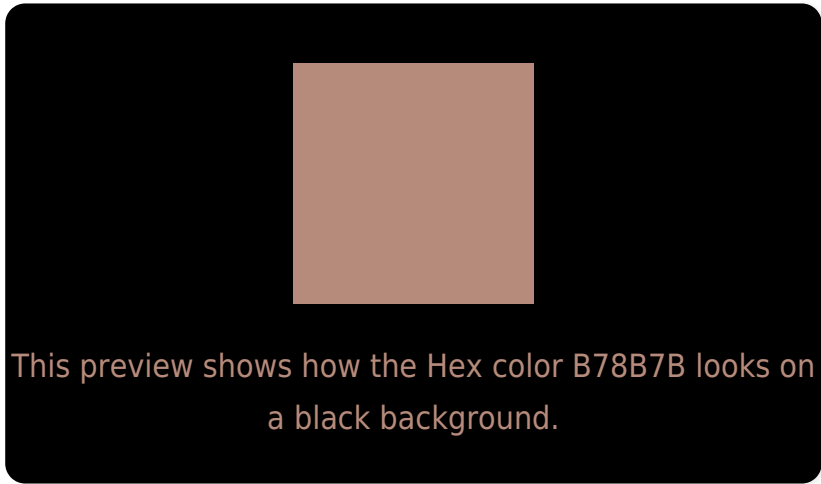
Large Text (above 18pt) WCAG AA ✓ Pass

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

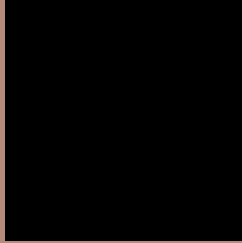
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B78B7B Background



This preview shows how black text looks on a background with the Hex color B78B7B.



This preview shows how white text looks on a background with the Hex color B78B7B.

# 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**  
B78B7B

**Protanopia**  
9D9580

**Deuteranopia**  
AD8F7A



**Tritanopia**  
B98892

# Trichromacy



**Original Color**  
B78B7B

**Protanomaly**  
A6917E

**Deuteranomaly**  
B18E7A

**Tritanomaly**  
B8898A

# Monochromacy



**Original Color**  
B78B7B

**Achromatopsia**  
969696

**Achromatomaly**  
A2928C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B78B7B 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 #B78B7B looks like.

```
.text, #text, p{  
    color:#B78B7B  
}
```

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 #B78B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78B7B
}
```

## Border

The CSS property to change the border of an element to Hex B78B7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

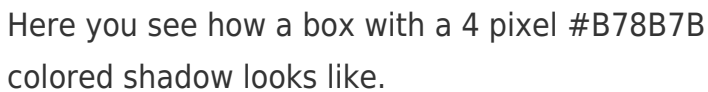
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B78B7B }
```

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

```
.border{ border-color:#B78B7B }
```

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



Here you see how a box with a 4 pixel `#B78B7B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78B7B; -webkit-box-shadow:4px 4px  
4px 4px #B78B7B; box-shadow:4px 4px 4px  
4px #B78B7B }
```

# Background

The CSS property to change the background color of an element to Hex B78B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78B7B }
```

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

```
.background{ background-color:#B78B7B }
```

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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