

# Converting Colors

Hex(81B78B)

Have a look what the booklet for  
Hex(81B78B) contains.

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**Color**

**Hex(81B78B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81B78B
RGB	129, 183, 139
RGB Percent	51%, 72%, 55%
CMY	0.4941, 0.2824, 0.4549
CMYK	0.30, 0.00, 0.24, 0.28
HSL	131°, 27%, 61%
HSV	131°, 30%, 72%
XYZ	30.6469, 40.3982, 30.6085
YIQ	161.8380, -18.0600, -25.1320

# Conversions

## Conversions Part 2

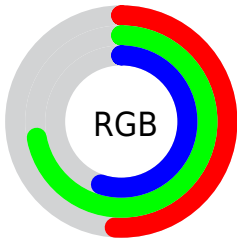
Format	Color
<a href="#">RYB</a>	<a href="#">129, 175, 183</a>
Decimal	<a href="#">8501131</a>
CIELab	<a href="#">69.75, -26.76, 16.83</a>
CIElCh	<a href="#">70, 31.613, 147.828</a>
Yxy	<a href="#">40.3982, 0.3015, 0.3974</a>
Android (android.graphics.Color)	<a href="#">4286691211 (0xFF81B78B)</a>
YUV	<a href="#">161.8380, -11.2591, -28.7989</a>
Hunter-Lab	<a href="#">63.5596, -25.1607, 15.9393</a>

# Details

The Hex color **81B78B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B781AD**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B7EFC1**, and **4E8259** is the 20% darker color. If you saturate the color by 10%, you get **6FB77C**, and if you desaturate by 10%, it is **93B79A**.

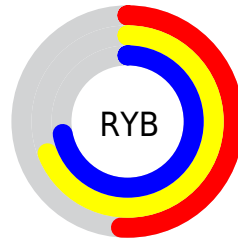
# Distribution



Red (51%)

Green (72%)

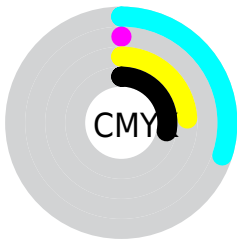
Blue (55%)



Red (51%)

Yellow (69%)

Blue (72%)

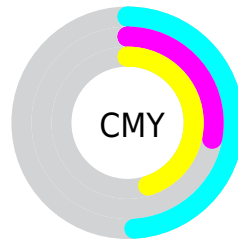


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (28%)



Cyan (49%)

Magenta (28%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 81B78B 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 81B78B by changing the saturation by 10% instead.



 81B78B

 81B78B

FFFFFF

 679C71

 B7EFC1

 4E8259

 D3FFDD

 356841


 F0FFF9


 1C502B

 003816

 002300

 000000

 81B78B

 81B78B

 6FB77C

 93B79A

 5CB76D

 A6B7A9

 4AB75E

 B8B7B8

 38B74F

 CAB7C7

 26B740

 DCB7D6

 13B732

 EFB7E4

 01B723

 FFB7F3

 00B722

 FFB7FF

# Harmonies

## Analogous

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



A2B177



81B78B



60BAA7

# Triad

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



81B78B



81AEE3



E39791

# Complementary

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



81B78B



B781AD

# 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.



E095AE



81B78B



ABA4DD

# Square

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



81B78B



59B5DA



CD9AC9



D79E7B

# Rectangle

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



81B78B



4FBABB



CD9AC9



E4959A



# Sweetspot

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



81B78B



D8EDDC



ADB781



6B786D



F7F7F7



787878



# Same Dimension

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



81B78B



9AEDAA



81B7A6



535C54



009C1D



001C05



# Inverse Universe

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



B781AD



ED9ADE



B78192



5C535A



9C007F



1C0017



# Previews

## White Background



This preview shows how the Hex color 81B78B looks on a white background.

## Color Contrast Check

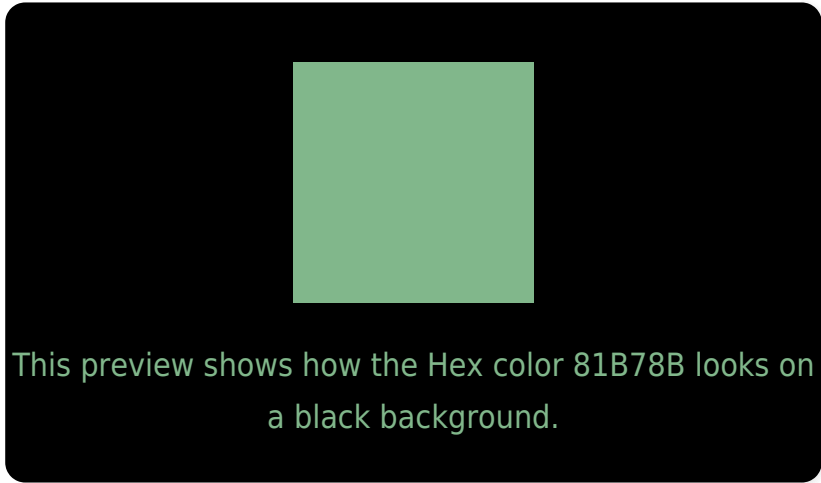
Large Text (above 18pt) WCAG AA × Fail

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

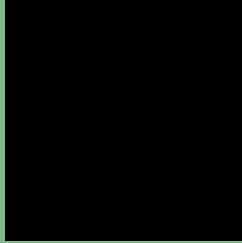
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81B78B Background



This preview shows how black text looks on a background with the Hex color 81B78B.

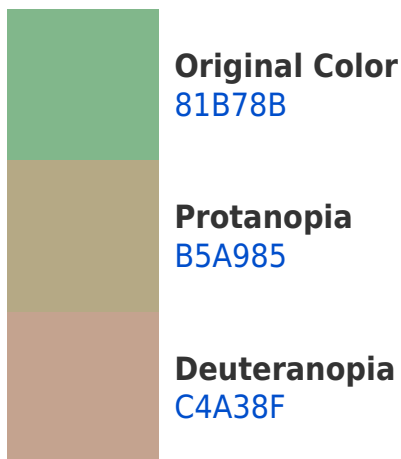


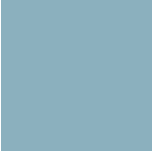
This preview shows how white text looks on a background with the Hex color 81B78B.

# 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](#).

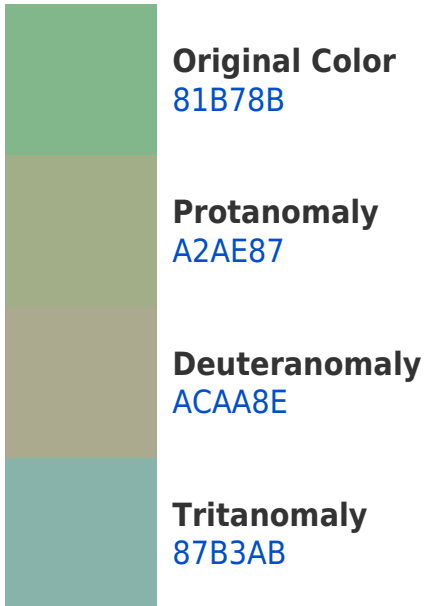
## Dichromacy



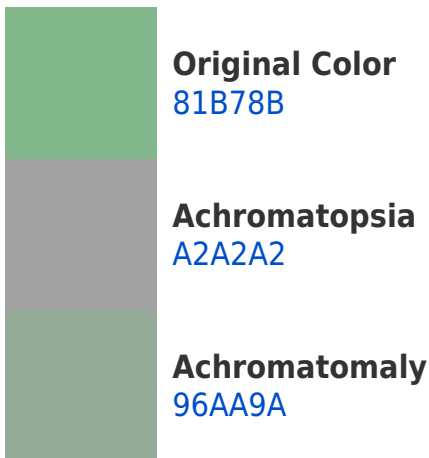


**Tritanopia**  
8BBOBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81B78B 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 #81B78B looks like.

```
.text, #text, p{  
    color:#81B78B  
}
```

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 #81B78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B78B
}
```

## Border

The CSS property to change the border of an element to Hex 81B78B 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
#81B78B }
```

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

```
.border{ border-color:#81B78B }
```

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

Here you see how a box with a 4 pixel #81B78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B78B; -webkit-box-shadow:4px 4px  
4px 4px #81B78B; box-shadow:4px 4px 4px  
4px #81B78B }
```

# Background

The CSS property to change the background color of an element to Hex 81B78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B78B }
```

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

```
.background{ background-color:#81B78B }
```

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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