

# Converting Colors

Hex(80BC8D)

Have a look what the booklet for  
Hex(80BC8D) contains.

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# **Color**

**Hex(80BC8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80BC8D
RGB	128, 188, 141
RGB Percent	50%, 74%, 55%
CMY	0.4980, 0.2627, 0.4471
CMYK	0.32, 0.00, 0.25, 0.26
HSL	133°, 31%, 62%
HSV	133°, 32%, 74%
XYZ	31.6930, 42.4787, 31.7281
YIQ	164.7020, -20.6730, -27.3370

# Conversions

## Conversions Part 2

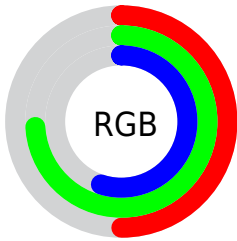
Format	Color
<a href="#">RYB</a>	<a href="#">128, 177, 188</a>
Decimal	<a href="#">8436877</a>
CIELab	<a href="#">71.20, -29.14, 17.75</a>
CIELCh	<a href="#">71, 34.122, 148.654</a>
Yxy	<a href="#">42.4787, 0.2993, 0.4011</a>
Android (android.graphics.Color)	<a href="#">4286626957 (0xFF80BC8D)</a>
YUV	<a href="#">164.7020, -11.6851, -32.1877</a>
Hunter-Lab	<a href="#">65.1757, -27.2582, 16.7601</a>

# Details

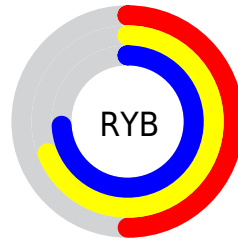
The Hex color **80BC8D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC80AF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B6F5C3**, and **4C865B** is the 20% darker color. If you saturate the color by 10%, you get **6DBC7E**, and if you desaturate by 10%, it is **93BC9C**.

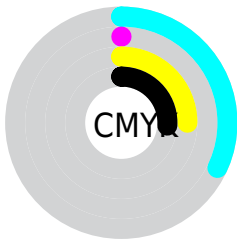
# Distribution



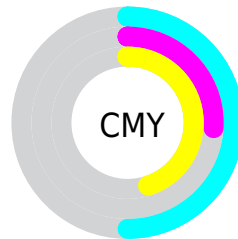
- Red (50%)
- Green (74%)
- Blue (55%)



- Red (50%)
- Yellow (69%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (25%)
- Black (26%)



- Cyan (50%)
- Magenta (26%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80BC8D 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 80BC8D by changing the saturation by 10% instead.



 80BC8D

 80BC8D

FFFFFF

 66A173

 B6F5C3

 4C865B

 D2FFDF

 336D43

 EFFFFB

 19542C

 003C17

 002600

 000800

 000000

 80BC8D

 80BC8D

 6DBC7E

 93BC9C

 5ABC70

 A6BCAA

 48BC61

 B8BCB9

 35BC52

 CBBCC8

 22BC43

 DEBCD7

 0FBC35

 F1BCE5

 00BC29

 FFBCF4

 FFBCFF

# Harmonies

## Analogous

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



A4B577



80BC8D



5BBFAC

# Triad

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



80BC8D



81B2EC



EB9992

# Complementary

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



80BC8D



BC80AF

# 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.



E897B1



80BC8D



B0A7E5

# Square

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



80BC8D



53BAE3



D49CCF



DEA17A

# Rectangle

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



80BC8D



46BFC1



D49CCF



EC979C

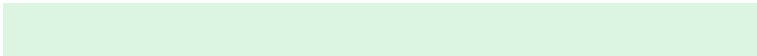


# Sweetspot

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



80BC8D



DCF5E2



AFBC80



6C7A6F



FAFAFA



7A7A7A



# Same Dimension

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



80BC8D



98F5AC



80BCAB



555E57



009E22



001F07



# Inverse Universe

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



BC80AF



F598E1



BC8091



5E555C



9E007C



1F0018



# Previews

## White Background



This preview shows how the Hex color 80BC8D 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



This preview shows how the Hex color 80BC8D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

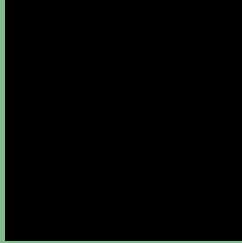
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80BC8D Background



This preview shows how black text looks on a background with the Hex color 80BC8D.

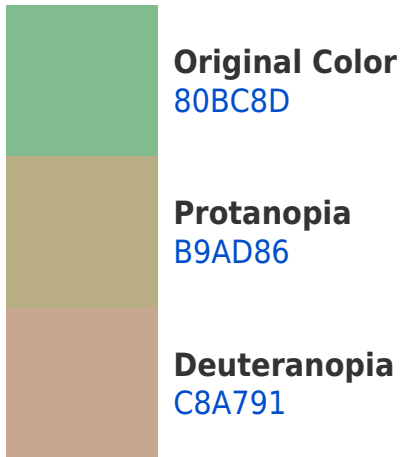


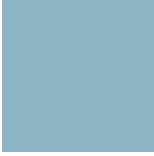
This preview shows how white text looks on a background with the Hex color 80BC8D.

# 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](#).

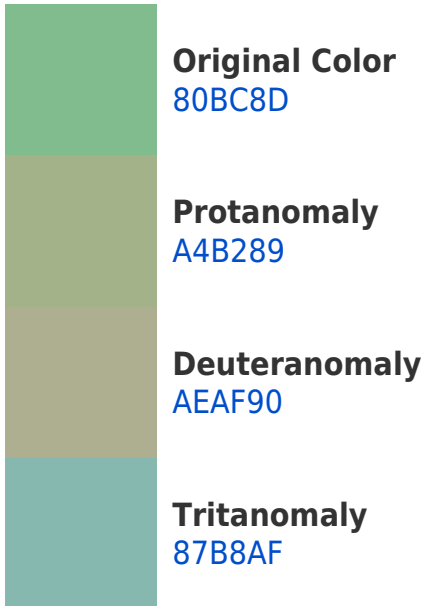
## Dichromacy



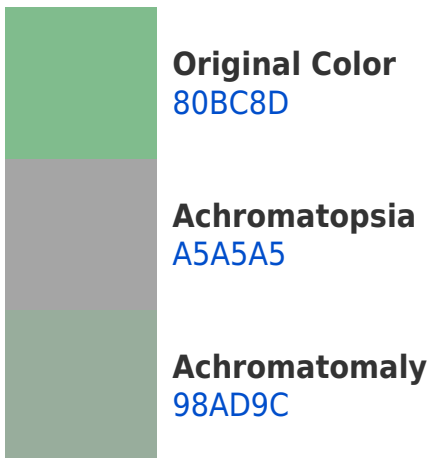


**Tritanopia**  
8BB5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80BC8D 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 #80BC8D looks like.

```
.text, #text, p{  
    color:#80BC8D  
}
```

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 #80BC8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BC8D
}
```

## Border

The CSS property to change the border of an element to Hex 80BC8D 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
#80BC8D }
```

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

```
.border{ border-color:#80BC8D }
```

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

Here you see how a box with a 4 pixel #80BC8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BC8D; -webkit-box-shadow:4px 4px  
4px 4px #80BC8D; box-shadow:4px 4px 4px  
4px #80BC8D }
```

# Background

The CSS property to change the background color of an element to Hex 80BC8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BC8D }
```

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

```
.background{ background-color:#80BC8D }
```

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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