

Converting Colors

Hex(80BC8C)

Have a look what the booklet for
Hex(80BC8C) contains.

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Color

Hex(80BC8C)

Conversions

Conversions Part 1

Format	Color
Hex	80BC8C
RGB	128, 188, 140
RGB Percent	50%, 74%, 55%
CMY	0.4980, 0.2627, 0.4510
CMYK	0.32, 0.00, 0.26, 0.26
HSL	132°, 31%, 62%
HSV	132°, 32%, 74%
XYZ	31.6189, 42.4491, 31.3379
YIQ	164.5880, -20.3520, -27.6480

Conversions

Conversions Part 2

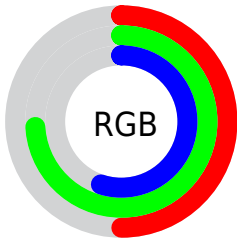
Format	Color
RYB	128, 178, 188
Decimal	8436876
CIELab	71.18, -29.32, 18.26
CIELCh	71, 34.545, 148.089
Yxy	42.4491, 0.3000, 0.4027
Android (android.graphics.Color)	4286626956 (0xFF80BC8C)
YUV	164.5880, -12.1219, -32.0877
Hunter-Lab	65.1530, -27.3911, 17.0892

Details

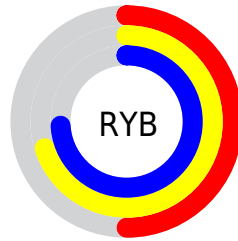
The Hex color **80BC8C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC80B0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B6F5C2**, and **4C865A** is the 20% darker color. If you saturate the color by 10%, you get **6DBC7D**, and if you desaturate by 10%, it is **93BC9B**.

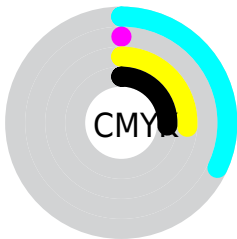
Distribution



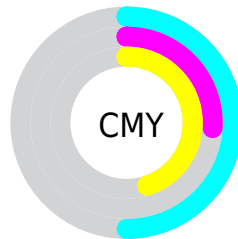
- Red (50%)
- Green (74%)
- Blue (55%)



- Red (50%)
- Yellow (70%)
- Blue (74%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 80BC8C 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 80BC8C by changing the saturation by 10% instead.

 80BC8C

 80BC8C

FFFFFF

 66A172

 B6F5C2

 4C865A

 D2FFDE

 336D42


 EFFFFA

 19542B

 003C16

 002600

 000800

 000000

 80BC8C

 80BC8C

 6DBC7D

 93BC9B

 5ABC6E

 A6BCAA

 48BC5F

 B8BCB9

 35BC50

 CBBCC8

 22BC41

 DEBCD7

 0FBC32

 F1BCE6

 00BC26

 FFBCF5

 FFBCFF

Harmonies

Analogous

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



A5B576



80BC8C



5ABFAB

Triad

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



80BC8C



80B2ED



EC9892

Complementary

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



80BC8C



BC80B0

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.



E996B2



80BC8C



AFA7E6

Square

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



80BC8C



50BAE3



D49CD0



DFA17A

Rectangle

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



80BC8C



44BFC1



D49CD0



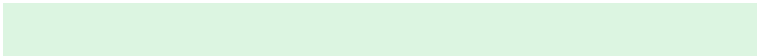
ED979C

Sweetspot

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



80BC8C



DCF5E1



B0BC80



6C7A6F



FAFAFA



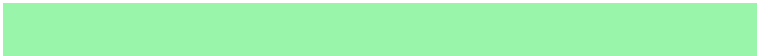
7A7A7A

Same Dimension

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



80BC8C



98F5AA



80BCAA



555E57



009E20



001F06

Inverse Universe

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



BC80B0



F598E2



BC8092



5E555C



9E007E



1F0018

Previews

White Background



This preview shows how the Hex color 80BC8C looks on a white background.

Color Contrast Check

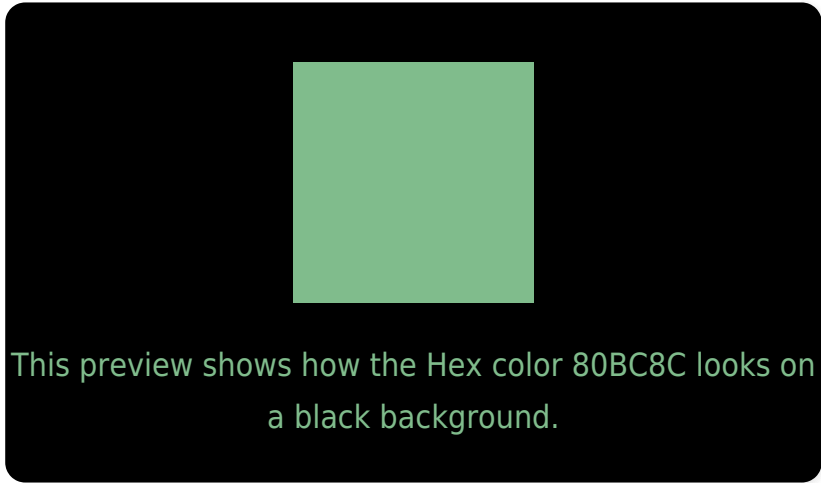
Large Text (above 18pt) WCAG AA × Fail

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

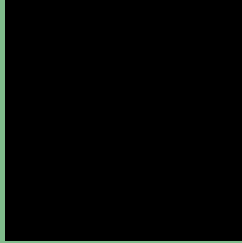
Any Text WCAG AA ✓ Pass

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 80BC8C Background



This preview shows how black text looks on a background with the Hex color 80BC8C.

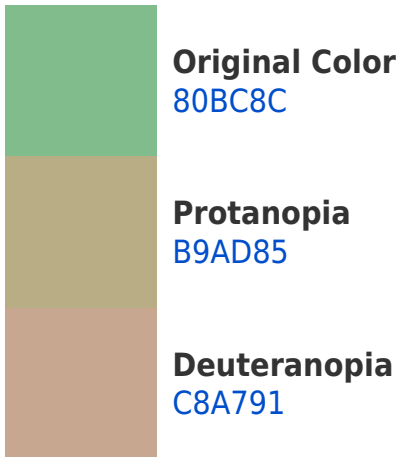


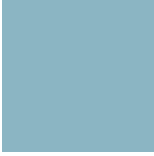
This preview shows how white text looks on a background with the Hex color 80BC8C.

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](#).

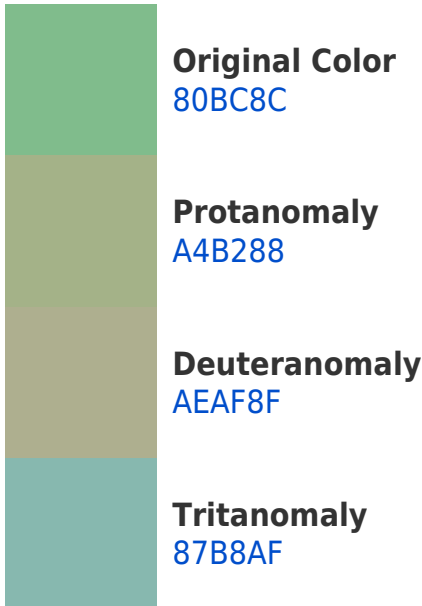
Dichromacy



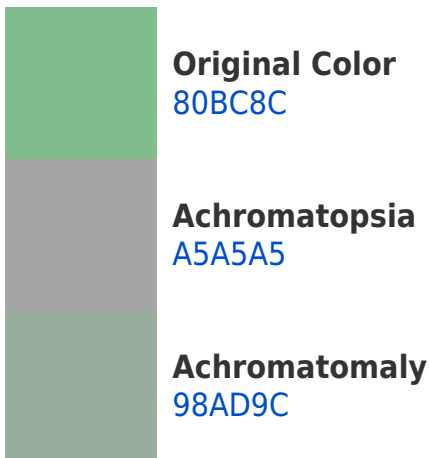


Tritanopia
8BB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BC8C 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 #80BC8C looks like.

```
.text, #text, p{  
    color:#80BC8C  
}
```

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 #80BC8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BC8C
}
```

Border

The CSS property to change the border of an element to Hex 80BC8C 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
#80BC8C }
```

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

```
.border{ border-color:#80BC8C }
```

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

Here you see how a box with a 4 pixel #80BC8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BC8C; -webkit-box-shadow:4px 4px  
4px 4px #80BC8C; box-shadow:4px 4px 4px  
4px #80BC8C }
```

Background

The CSS property to change the background color of an element to Hex 80BC8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BC8C }
```

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

```
.background{ background-color:#80BC8C }
```

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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