

Converting Colors

Hex(80B68C)

Have a look what the booklet for
Hex(80B68C) contains.

Hex(80B68C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80B68C)

Conversions

Conversions Part 1

Format	Color
Hex	80B68C
RGB	128, 182, 140
RGB Percent	50%, 71%, 55%
CMY	0.4980, 0.2863, 0.4510
CMYK	0.30, 0.00, 0.23, 0.29
HSL	133°, 27%, 61%
HSV	133°, 30%, 71%
XYZ	30.3637, 39.9385, 30.9195
YIQ	161.0660, -18.7020, -24.5100

Conversions

Conversions Part 2

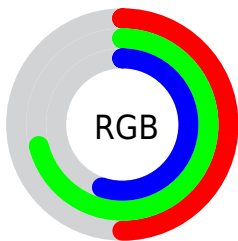
Format	Color
RYB	128, 172, 182
Decimal	8435340
CIELab	69.43, -26.41, 15.83
CIELCh	69, 30.791, 149.067
Yxy	39.9385, 0.3000, 0.3946
Android (android.graphics.Color)	4286625420 (0xFF80B68C)
YUV	161.0660, -10.3855, -28.9989
Hunter-Lab	63.1969, -24.8324, 15.2298

Details

The Hex color **80B68C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B680AA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B6EEC2**, and **4D815A** is the 20% darker color. If you saturate the color by 10%, you get **6EB67E**, and if you desaturate by 10%, it is **92B69A**.

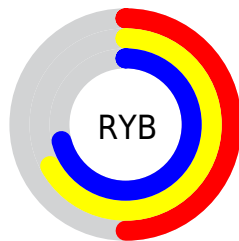
Distribution



Red (50%)

Green (71%)

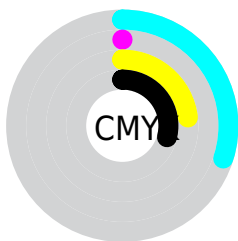
Blue (55%)



Red (50%)

Yellow (67%)

Blue (71%)

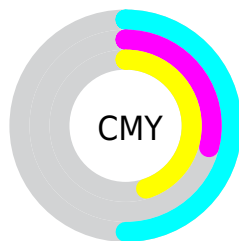


Cyan (30%)

Magenta (0%)

Yellow (23%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B68C 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 80B68C by changing the saturation by 10% instead.

 80B68C

FFFFFF

 B6EEC2

 D2FFDE

 EFFFFA

 80B68C

 669B72

 4D815A

 346742

 1B4F2C

 003817

 002300

 000000

 80B68C

 6EB67E

 80B68C

 92B69A

 5CB670

 A4B6A8

 49B662

 B7B6B6

 37B653

 C9B6C5

 25B645

 DBB6D3

 13B637

 EDB6E1

 01B629

 FFB6EF

 00B628

 FFB6FD

 FFB6FF

Harmonies

Analogous

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



A0B078



80B68C



60B9A8

Triad

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



80B68C



83ACE1



E09790

Complementary

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



80B68C



B680AA

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.



DE95AB



80B68C



ACA3DA

Square

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



80B68C



5DB4D9



CC9AC7



D59E7B

Rectangle

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



80B68C



51B9BB



CC9AC7



E19599

Sweetspot

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



80B68C



D8EDDD



AAB680



6B786E



F7F7F7



787878

Same Dimension

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



80B68C



98EDAB



80B6A7



535C55



009C23



001C06

Inverse Universe

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



B680AA



ED98DA



B6808F



5C535A



9C0079



1C0016

Previews

White Background



This preview shows how the Hex color 80B68C looks on a white background.

Color Contrast Check

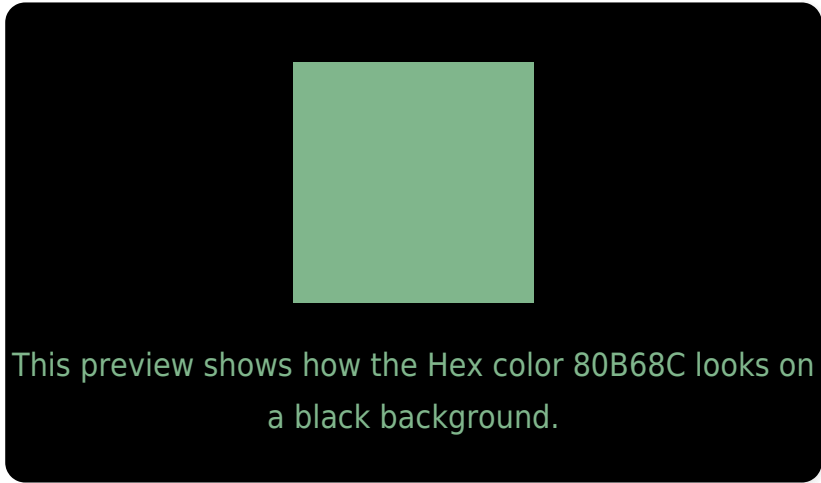
Large Text (above 18pt) WCAG AA × Fail

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

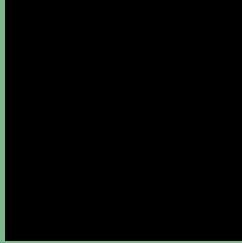
Any Text WCAG AA ✓ Pass

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 80B68C Background



This preview shows how black text looks on a background with the Hex color 80B68C.



This preview shows how white text looks on a background with the Hex color 80B68C.

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](#).

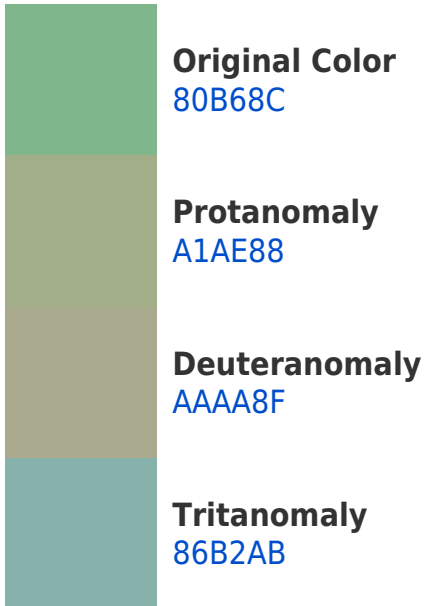
Dichromacy



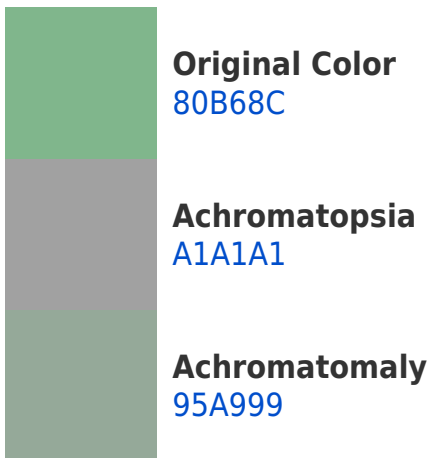


Tritanopia
89AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B68C 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 #80B68C looks like.

```
.text, #text, p{  
    color:#80B68C  
}
```

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 #80B68C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B68C
}
```

Border

The CSS property to change the border of an element to Hex 80B68C 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
#80B68C }
```

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

```
.border{ border-color:#80B68C }
```

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

Here you see how a box with a 4 pixel #80B68C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B68C; -webkit-box-shadow:4px 4px  
4px 4px #80B68C; box-shadow:4px 4px 4px  
4px #80B68C }
```

Background

The CSS property to change the background color of an element to Hex 80B68C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B68C }
```

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

```
.background{ background-color:#80B68C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor