

Converting Colors

Hex(78BC8C)

Have a look what the booklet for
Hex(78BC8C) contains.

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Color

Hex(78BC8C)

Conversions

Conversions Part 1

Format	Color
Hex	78BC8C
RGB	120, 188, 140
RGB Percent	47%, 74%, 55%
CMY	0.5294, 0.2627, 0.4510
CMYK	0.36, 0.00, 0.26, 0.26
HSL	138°, 34%, 60%
HSV	138°, 36%, 74%
XYZ	30.4626, 41.8530, 31.2838
YIQ	162.1960, -25.1200, -29.3440

Conversions

Conversions Part 2

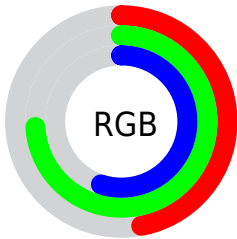
Format	Color
RYB	120, 173, 188
Decimal	7912588
CIELab	70.77, -31.83, 17.63
CIElCh	71, 36.389, 151.021
Yxy	41.8530, 0.2940, 0.4040
Android (android.graphics.Color)	4286102668 (0xFF78BC8C)
YUV	162.1960, -10.9426, -37.0059
Hunter-Lab	64.6939, -29.1635, 16.6150

Details

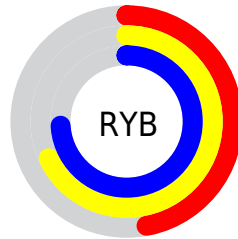
The Hex color **78BC8C** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BC78A8**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AEF5C2**, and **44865A** is the 20% darker color. If you saturate the color by 10%, you get **65BC7F**, and if you desaturate by 10%, it is **8BBC99**.

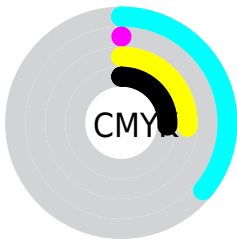
Distribution



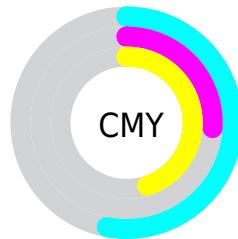
- Red (47%)
- Green (74%)
- Blue (55%)



- Red (47%)
- Yellow (68%)
- Blue (74%)



- Cyan (36%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78BC8C 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 78BC8C by changing the saturation by 10% instead.

 78BC8C

 78BC8C

FFFFFF

 5EA172

 AEF5C2

 44865A

 CBFFDE

 296D42

 E7FFFA

 09542C

 003C16

 002600

 000500

 000000

 78BC8C

 78BC8C

 65BC7F

 8BBC99

 52BC71

 9EBCA7

 40BC64

 B0BCB4

 2DBC57

 C3BCC1

 1ABC4A

 D6BCCE

 07BC3C

 E9BCDC

 00BC37

 FCBC E9

 FFBC F6

 FFBC FF

Harmonies

Analogous

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



9FB573



78BC8C



4DBFAD

Triad

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



78BC8C



80B0EF



ED978D

Complementary

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



78BC8C



BC78A8

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.



EC94AD



78BC8C



B3A4E6

Square

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



78BC8C



49B9E6



D899CE



DDA074

Rectangle

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



78BC8C



33BFC4



D899CE



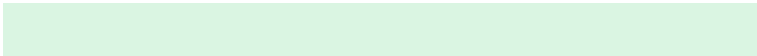
EE9597

Sweetspot

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



78BC8C



DAF5E2



A9BC78



6A7A6F



FAFAFA



7A7A7A

Same Dimension

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



78BC8C



8CF5AA



78BCAD



555E58



009E2F



001F09

Inverse Universe

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



BC78A8



F58CD6



BC7887



5E555C



9E0070



1F0016

Previews

White Background



This preview shows how the Hex color 78BC8C looks on a white background.

Color Contrast Check

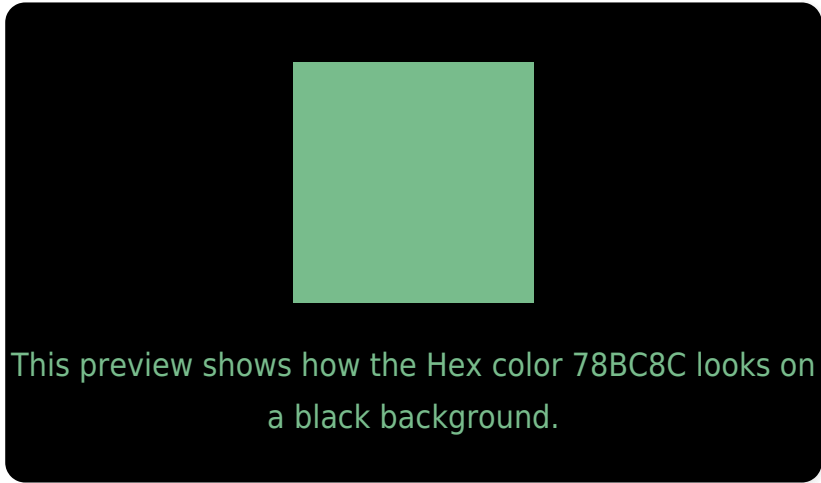
Large Text (above 18pt) WCAG AA × Fail

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

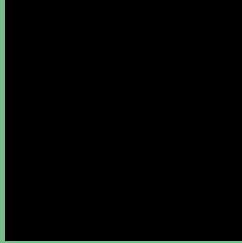
Any Text WCAG AA ✓ Pass

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 78BC8C Background



This preview shows how black text looks on a background with the Hex color 78BC8C.

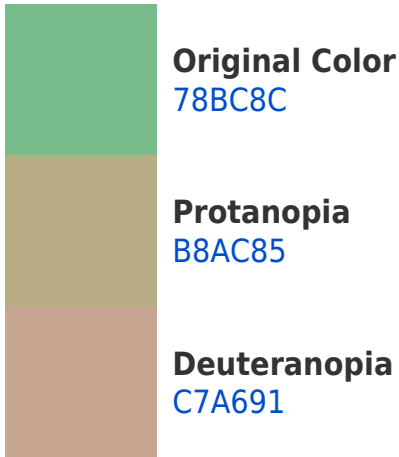


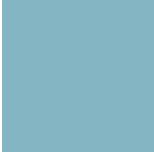
This preview shows how white text looks on a background with the Hex color 78BC8C.

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](#).

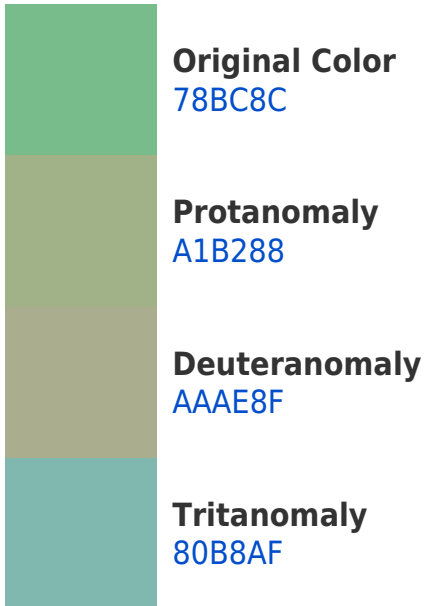
Dichromacy





Tritanopia
84B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78BC8C 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 #78BC8C looks like.

```
.text, #text, p{  
    color:#78BC8C  
}
```

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 #78BC8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78BC8C
}
```

Border

The CSS property to change the border of an element to Hex 78BC8C 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
#78BC8C }
```

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

```
.border{ border-color:#78BC8C }
```

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

Here you see how a box with a 4 pixel #78BC8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78BC8C; -webkit-box-shadow:4px 4px  
4px 4px #78BC8C; box-shadow:4px 4px 4px  
4px #78BC8C }
```

Background

The CSS property to change the background color of an element to Hex 78BC8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78BC8C }
```

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

```
.background{ background-color:#78BC8C }
```

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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