

Converting Colors

Hex(97BC8C)

Have a look what the booklet for
Hex(97BC8C) contains.

Hex(97BC8C)	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(97BC8C)

Conversions

Conversions Part 1

Format	Color
Hex	97BC8C
RGB	151, 188, 140
RGB Percent	59%, 74%, 55%
CMY	0.4078, 0.2627, 0.4510
CMYK	0.20, 0.00, 0.26, 0.26
HSL	106°, 26%, 64%
HSV	106°, 26%, 74%
XYZ	35.4793, 44.4392, 31.5186
YIQ	171.4650, -6.6440, -22.7720

Conversions

Conversions Part 2

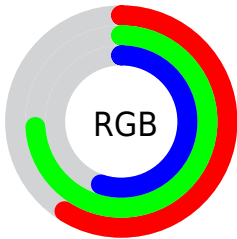
Format	Color
RYB	140, 188, 177
Decimal	9944204
CIELab	72.52, -21.55, 20.32
CIELCh	73, 29.617, 136.676
Yxy	44.4392, 0.3184, 0.3988
Android (android.graphics.Color)	4288134284 (0xFF97BC8C)
YUV	171.4650, -15.5122, -17.9478
Hunter-Lab	66.6627, -21.6582, 18.6312

Details

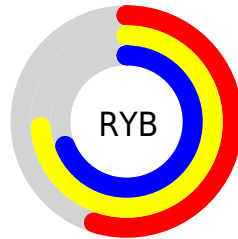
The Hex color **97BC8C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B18CBC**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CEF4C2**, and **63875A** is the 20% darker color. If you saturate the color by 10%, you get **89BC79**, and if you desaturate by 10%, it is **A5BC9F**.

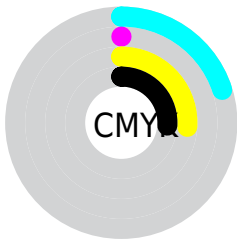
Distribution



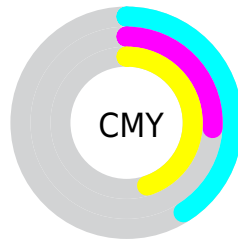
- Red (59%)
- Green (74%)
- Blue (55%)



- Red (55%)
- Yellow (74%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (26%)



- Cyan (41%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97BC8C 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 97BC8C by changing the saturation by 10% instead.

 97BC8C

 97BC8C

FFFFFF

 7DA172

 CEF4C2

 63875A

 EAFFDE

 4B6D42

 FFFFFA

 33552B

 1C3D16

 082700

 001000

 000000

 97BC8C

 97BC8C

 89BC79

 A5BC9F

 7ABC66

 B4BCB2

 6CBC54

 C2BCC4

 5DBC41

 D1BCD7

 4FBC2E

 DFBCEA

 40BC1B

 EEBCFD

 32BC08

 FCBCFF

 2BBC00

 FFBCFF

Harmonies

Analogous

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



B6B57E



97BC8C



78C0A5

Triad

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



97BC8C



7EB8E6



E99EA4

Complementary

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



97BC8C



B18CBC

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.



E09FBF



97BC8C



A5AFE6

Square

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



97BC8C



61BED8



C8A6D7



E2A38C

Rectangle

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



97BC8C



67C1B7



C8A6D7



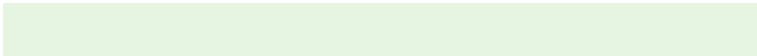
E79EAD

Sweetspot

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



97BC8C



E6F5E1



BCB18C



717A6E



FAFAFA



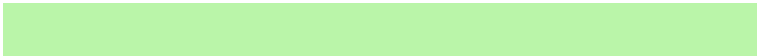
7A7A7A

Same Dimension

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



97BC8C



BAF5A9



8CBC99



575E55



249E00



071F00

Inverse Universe

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



B18CBC



E3A9F5



BC8CAF



5C555E



7A009E



18001F

Previews

White Background



This preview shows how the Hex color 97BC8C looks on a white background.

Color Contrast Check

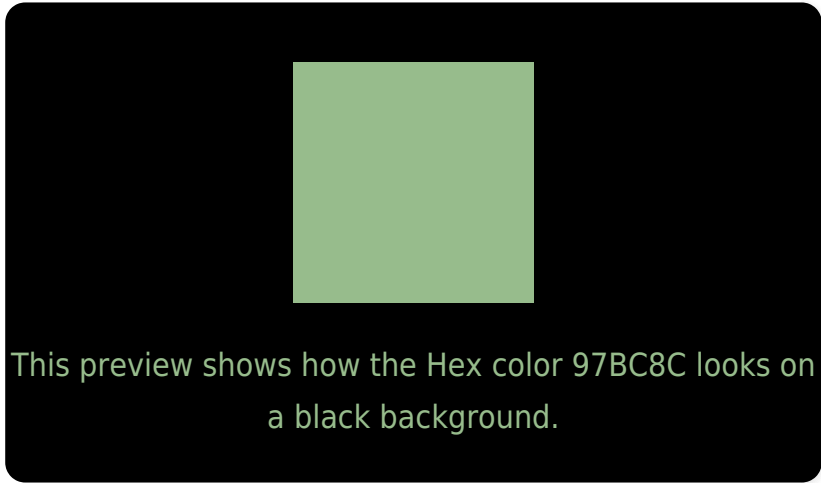
Large Text (above 18pt) WCAG AA × Fail

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

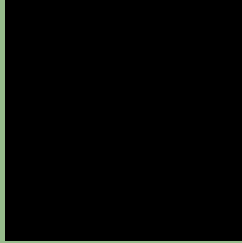
Any Text WCAG AA ✓ Pass

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 97BC8C Background



This preview shows how black text looks on a background with the Hex color 97BC8C.

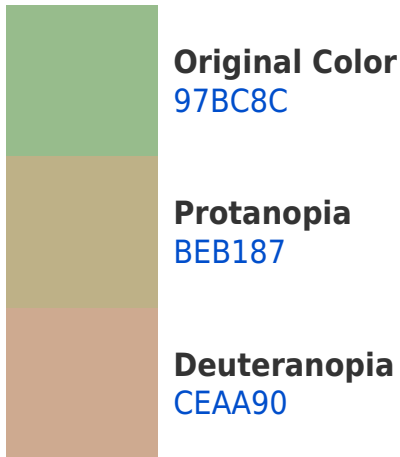


This preview shows how white text looks on a background with the Hex color 97BC8C.

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](#).

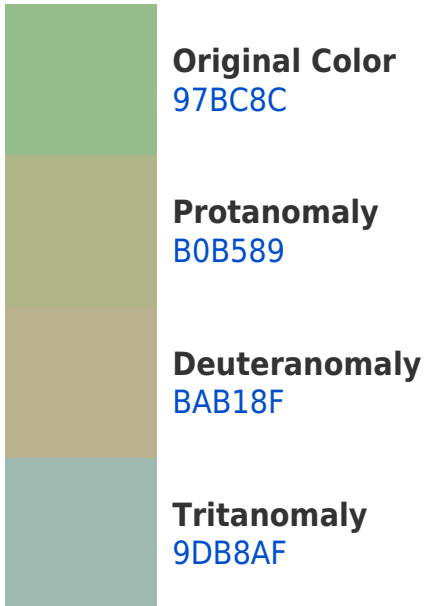
Dichromacy



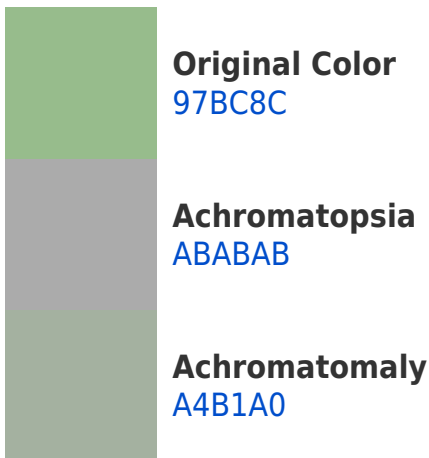


Tritanopia
A0B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 97BC8C 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 #97BC8C looks like.

```
.text, #text, p{  
    color:#97BC8C  
}
```

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 #97BC8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97BC8C
}
```

Border

The CSS property to change the border of an element to Hex 97BC8C 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
#97BC8C }
```

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

```
.border{ border-color:#97BC8C }
```

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

Here you see how a box with a 4 pixel #97BC8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97BC8C; -webkit-box-shadow:4px 4px  
4px 4px #97BC8C; box-shadow:4px 4px 4px  
4px #97BC8C }
```

Background

The CSS property to change the background color of an element to Hex 97BC8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97BC8C }
```

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

```
.background{ background-color:#97BC8C }
```

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