

# Converting Colors

Hex(898C7F)

Have a look what the booklet for  
Hex(898C7F) contains.

<b>Hex(898C7F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(898C7F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	898C7F
RGB	137, 140, 127
RGB Percent	54%, 55%, 50%
CMY	0.4627, 0.4510, 0.5020
CMYK	0.02, 0.00, 0.09, 0.45
HSL	74°, 5%, 52%
HSV	74°, 9%, 55%
XYZ	23.5254, 25.6068, 23.7814
YIQ	137.6210, 2.3850, -4.6790

# Conversions

## Conversions Part 2

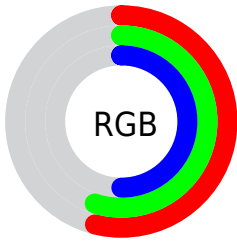
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 140, 130
Decimal	9014399
CIE <sub>Lab</sub>	57.66, -3.58, 6.56
CIE <sub>LCh</sub>	58, 7.470, 118.603
Yxy	25.6068, 0.3226, 0.3512
Android (android.graphics.Color)	4287204479 (0xFF898C7F)
YUV	137.6210, -5.2362, -0.5446
Hunter-Lab	50.6032, -5.5711, 7.5584

# Details

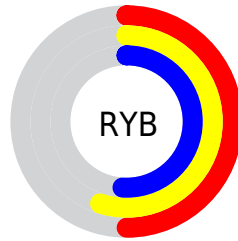
The Hex color **898C7F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **827F8C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BEC2B4**, and **575A4E** is the 20% darker color. If you saturate the color by 10%, you get **868C71**, and if you desaturate by 10%, it is **8C8C8D**.

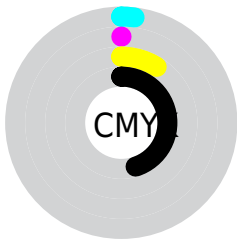
# Distribution



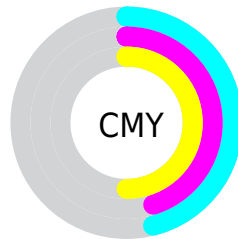
- Red (54%)
- Green (55%)
- Blue (50%)



- Red (50%)
- Yellow (55%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898C7F 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 898C7F by changing the saturation by 10% instead.





898C7F



898C7F

FFFFFF



707366



BEC2B4



575A4E



DADDCF



404337



F7FAEB



2A2D22



16180C



000000



898C7F



898C7F



868C71



8C8C8D



838C63



8F8C9B

 7F8C55

 938CA9

 7C8C47

 968CB7

 798C39

 998CC5

 768C2B

 9C8CD3

 728C1D

 A08CE1

 6F8C0F

 A38CEF

 6C8C01

 A68CFD

# Harmonies

## Analogous

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



908A7E



898C7F



828E84

# Triad

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



898C7F



7D8D95



98868B

# Complementary

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



898C7F



827F8C

# 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.



938791



898C7F



838B97

# Square

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



898C7F



7A8E90



8C8996



998685

# Rectangle

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



898C7F



7E8E88



8C8996



96868D



# Sweetspot

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



898C7F



B4B5B0



8C827F



5B5C58



DBDBDB



5C5C5C



# Same Dimension

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



898C7F



B0B5A1



838C7F



43453E



668500



040500



# Inverse Universe

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



827F8C



A6A1B5



887F8C



403E45



1F0085



010005



# Previews

## White Background



This preview shows how the Hex color 898C7F looks on a white background.

## Color Contrast Check

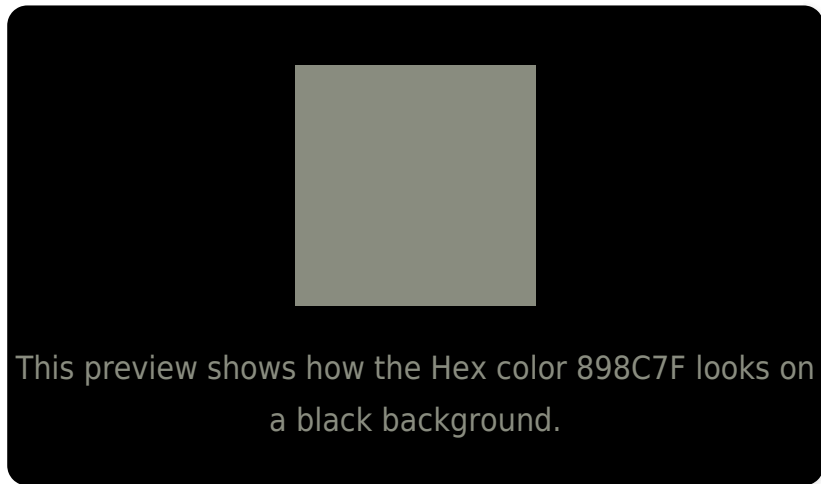
Large Text (above 18pt) WCAG AA ✓ Pass

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

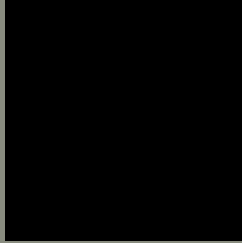
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 898C7F Background



This preview shows how black text looks on a background with the Hex color 898C7F.



This preview shows how white text looks on a background with the Hex color 898C7F.

# 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



**Original Color**  
898C7F

**Protanopia**  
908A7E

**Deuteranopia**  
9C8680



**Tritanopia**  
8C8994

# Trichromacy



**Original Color**  
898C7F

**Protanomaly**  
8D8B7E

**Deuteranomaly**  
958880

**Tritanomaly**  
8B8A8C

# Monochromacy



**Original Color**  
898C7F

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
8A8B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898C7F 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 #898C7F looks like.

```
.text, #text, p{  
    color:#898C7F  
}
```

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 #898C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898C7F
}
```

## Border

The CSS property to change the border of an element to Hex 898C7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

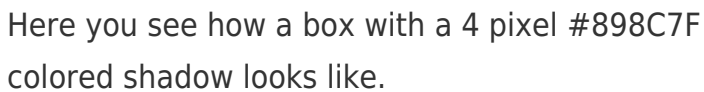
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#898C7F }
```

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

```
.border{ border-color:#898C7F }
```

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



Here you see how a box with a 4 pixel #898C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898C7F; -webkit-box-shadow:4px 4px  
4px 4px #898C7F; box-shadow:4px 4px 4px  
4px #898C7F }
```

# Background

The CSS property to change the background color of an element to Hex 898C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898C7F }
```

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

```
.background{ background-color:#898C7F }
```

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