

Converting Colors

Hex(898C78)

Have a look what the booklet for
Hex(898C78) contains.

Hex(898C78)	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(898C78)

Conversions

Conversions Part 1

Format	Color
Hex	898C78
RGB	137, 140, 120
RGB Percent	54%, 55%, 47%
CMY	0.4627, 0.4510, 0.5294
CMYK	0.02, 0.00, 0.14, 0.45
HSL	69°, 8%, 51%
HSV	69°, 14%, 55%
XYZ	23.0848, 25.4306, 21.4612
YIQ	136.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

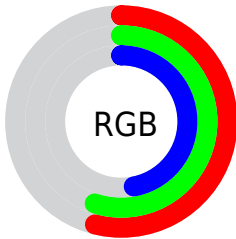
Format	Color
RYB	120, 140, 123
Decimal	9014392
CIELab	57.49, -4.82, 10.32
CIElCh	57, 11.388, 115.031
Yxy	25.4306, 0.3299, 0.3634
Android (android.graphics.Color)	4287204472 (0xFF898C78)
YUV	136.8230, -8.2937, 0.1552
Hunter-Lab	50.4288, -6.5384, 10.0678

Details

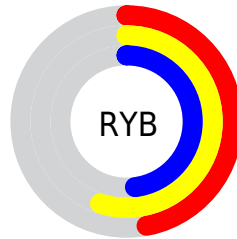
The Hex color **898C78** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B788C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **BEC2AC**, and **575A48** is the 20% darker color. If you saturate the color by 10%, you get **878C6A**, and if you desaturate by 10%, it is **8B8C86**.

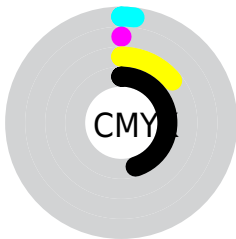
Distribution



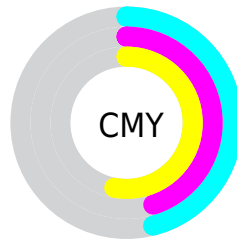
- Red (54%)
- Green (55%)
- Blue (47%)



- Red (47%)
- Yellow (55%)
- Blue (48%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 898C78 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 898C78 by changing the saturation by 10% instead.



898C78



898C78

FFFFFF



70735F



BEC2AC



575A48



DADDC8



404331



F7FAE4



2A2D1C



161802



000000



898C78



898C78



878C6A



8B8C86



858C5C



8D8C94

838C4E

8F8CA2

818C40

918CB0

7E8C32

948CBE

7C8C24

968CCC

7A8C16

988CDA

788C08

9A8CE8

778C00

9C8CF6

Harmonies

Analogous

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



948976



898C78



7E8F7E

Triad

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



898C78



748E9A



9D838C

Complementary

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



898C78



7B788C

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.



968596



898C78



7D8B9E

Square

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



898C78



719092



8A889C



9F8482

Rectangle

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



898C78



779085



8A889C



9B848F

Sweetspot

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



898C78



B4B5AE



8C7B78



5B5C57



DBDBDB



5C5C5C

Same Dimension

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



898C78



B0B596



7F8C78



44453E



718500



040500

Inverse Universe

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



7B788C



9B96B5



85788C



3F3E45



140085



010005

Previews

White Background



This preview shows how the Hex color 898C78 looks on a white background.

Color Contrast Check

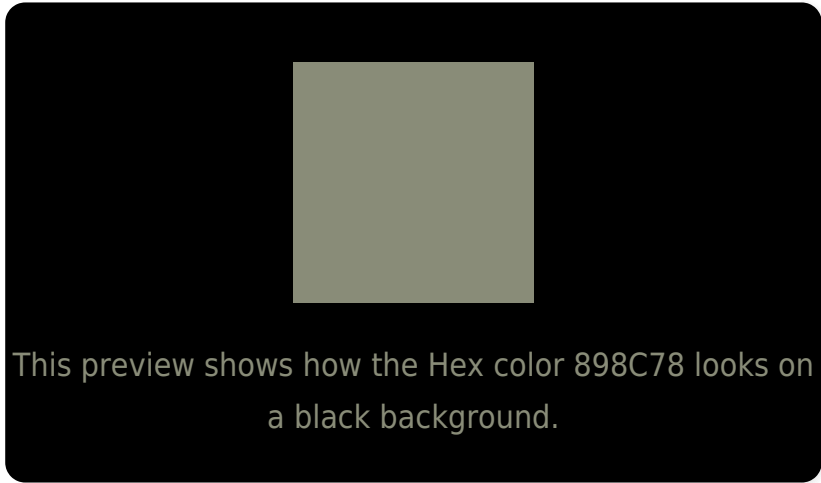
Large Text (above 18pt) WCAG AA ✓ Pass

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

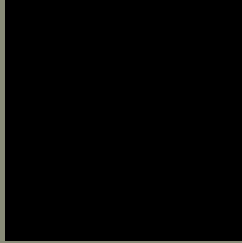
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

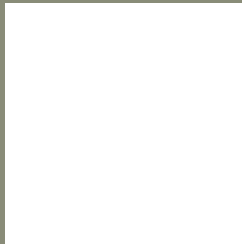
Any Text WCAG AAA × Fail

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

Hex 898C78 Background



This preview shows how black text looks on a background with the Hex color 898C78.



This preview shows how white text looks on a background with the Hex color 898C78.

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
898C78

Protanopia
918A77

Deuteranopia
9D8579



Tritanopia
8D8893

Trichromacy



Original Color
898C78

Protanomaly
8E8B77

Deuteranomaly
968879

Tritanomaly
8C8989

Monochromacy



Original Color
898C78

Achromatopsia
898989

Achromatomaly
898A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 898C78 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 #898C78 looks like.

```
.text, #text, p{  
    color:#898C78  
}
```

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 #898C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898C78
}
```

Border

The CSS property to change the border of an element to Hex 898C78 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
#898C78 }
```

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

```
.border{ border-color:#898C78 }
```

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

Here you see how a box with a 4 pixel #898C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898C78; -webkit-box-shadow:4px 4px  
4px 4px #898C78; box-shadow:4px 4px 4px  
4px #898C78 }
```

Background

The CSS property to change the background color of an element to Hex 898C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898C78 }
```

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

```
.background{ background-color:#898C78 }
```

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