

# Converting Colors

Hex(898C68)

Have a look what the booklet for  
Hex(898C68) contains.

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**Color**

**Hex(898C68)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 898C68                     |
| RGB           | 137, 140, 104              |
| RGB Percent   | 54%, 55%, 41%              |
| CMY           | 0.4627, 0.4510, 0.5922     |
| CMYK          | 0.02, 0.00, 0.26, 0.45     |
| HSL           | 65°, 15%, 48%              |
| HSV           | 65°, 26%, 55%              |
| XYZ           | 22.1933, 25.0740, 16.7668  |
| YIQ           | 134.9990, 9.7680, -11.8320 |

# Conversions

## Conversions Part 2

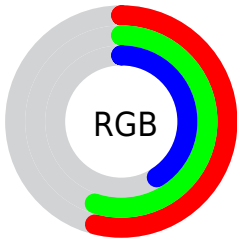
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 104, 140, 107                 |
| Decimal                             | 9014376                       |
| CIELab                              | 57.15, -7.40, 18.92           |
| CIELCh                              | 57, 20.312, 111.363           |
| Yxy                                 | 25.0740, 0.3466,<br>0.3916    |
| Android<br>(android.graphics.Color) | 4287204456<br>(0xFF898C68)    |
| YUV                                 | 134.9990, -15.2825,<br>1.7549 |
| Hunter-Lab                          | 50.0740, -8.5163,<br>15.1991  |

# Details

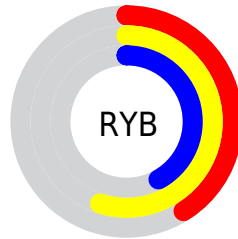
The Hex color **898C68** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B688C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **BFC19B**, and **575A39** is the 20% darker color. If you saturate the color by 10%, you get **888C5A**, and if you desaturate by 10%, it is **8A8C76**.

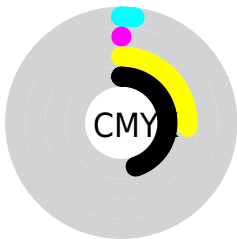
# Distribution



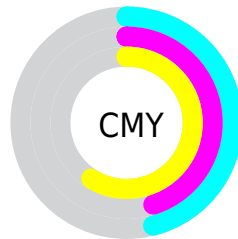
- Red (54%)
- Green (55%)
- Blue (41%)



- Red (41%)
- Yellow (55%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 898C68 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 898C68 by changing the saturation by 10% instead.





898C68



898C68

FFFFFF



6F7350



BFC19B



575A39



DBDDB6



3F4323



F7FAD2



282D0D



FFFFEE



131800



000000



898C68



898C68



888C5A



8A8C76



878C4C



8B8C84

858C3E

8D8C92

848C30

8E8CA0

838C22

8F8CAE

828C14

908CBC

818C06

918CCA

808C00

928CD8

948CE6

# Harmonies

## Analogous

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



9B8666



898C68



759073

# Triad

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



898C68



5A91A4



A97D8F

# Complementary

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



898C68



6B688C

# 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.



9B819F



898C68



6D8CAC

# Square

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



898C68



579395



8586AA



AE7D7D

# Rectangle

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



898C68



68927D



8586AA



A67E95



# Sweetspot

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



898C68



B4B5A7



8C6B68



5B5C53



DBDBDB



5C5C5C



# Same Dimension

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



898C68



B0B57D



778C68



44453E



7A8500



050500



# Inverse Universe

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



6B688C



827DB5



7D688C



3F3E45



0B0085



000005



# Previews

## White Background



This preview shows how the Hex color 898C68 looks on a white background.

## Color Contrast Check

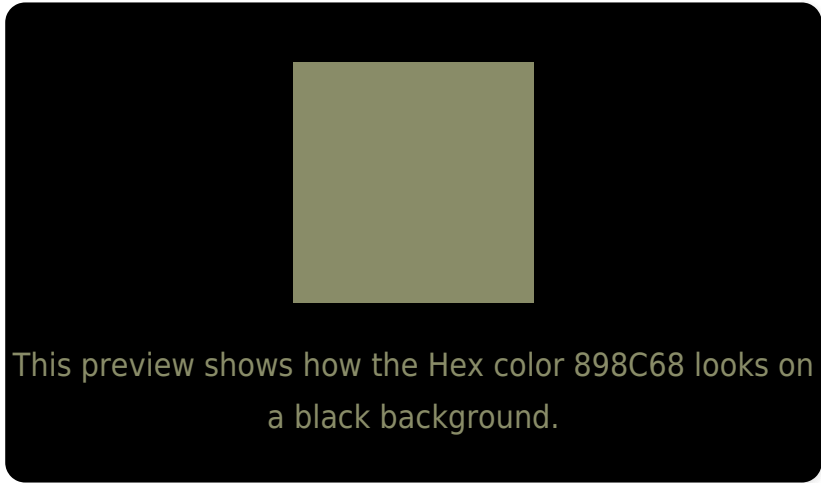
Large Text (above 18pt) WCAG AA ✓ Pass

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

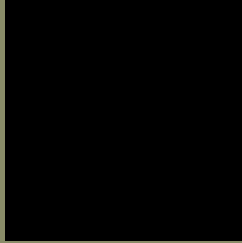
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

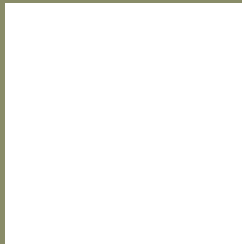
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 898C68 Background



This preview shows how black text looks on a background with the Hex color 898C68.



This preview shows how white text looks on a background with the Hex color 898C68.

# 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**  
898C68

**Protanopia**  
938967

**Deuteranopia**  
A1846A



**Tritanopia**  
8E8791

# Trichromacy



**Original Color**  
898C68

**Protanomaly**  
8F8A67

**Deuteranomaly**  
988769

**Tritanomaly**  
8C8982

# Monochromacy



**Original Color**  
898C68

**Achromatopsia**  
878787

**Achromatomaly**  
88897C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 898C68 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 #898C68 looks like.

```
.text, #text, p{  
    color:#898C68  
}
```

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 #898C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #898C68  
}
```

## Border

The CSS property to change the border of an element to Hex 898C68 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  
#898C68 }
```

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

```
.border{ border-color:#898C68 }
```

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

Here you see how a box with a 4 pixel #898C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #898C68; -webkit-box-shadow:4px 4px  
4px 4px #898C68; box-shadow:4px 4px 4px  
4px #898C68 }
```

# Background

The CSS property to change the background color of an element to Hex 898C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#898C68 }
```

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

```
.background{ background-color:#898C68 }
```

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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