

# Converting Colors

Hex(998E80)

Have a look what the booklet for  
Hex(998E80) contains.

<b>Hex(998E80)</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(998E80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998E80
RGB	153, 142, 128
RGB Percent	60%, 56%, 50%
CMY	0.4000, 0.4431, 0.4980
CMYK	0.00, 0.07, 0.16, 0.40
HSL	34°, 11%, 55%
HSV	34°, 16%, 60%
XYZ	26.7062, 27.6768, 24.3567
YIQ	143.6930, 11.0500, -2.0220

# Conversions

## Conversions Part 2

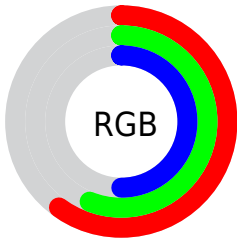
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 153, 128
Decimal	10063488
CIE Lab	59.60, 1.64, 8.93
CIE LCh	60, 9.079, 79.568
Yxy	27.6768, 0.3392, 0.3515
Android (android.graphics.Color)	4288253568 (0xFF998E80)
YUV	143.6930, -7.7366, 8.1622
Hunter-Lab	52.6088, -1.4521, 9.3762

# Details

The Hex color **998E80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **808B99**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **CFC4B5**, and **665C4F** is the 20% darker color. If you saturate the color by 10%, you get **998771**, and if you desaturate by 10%, it is **99958F**.

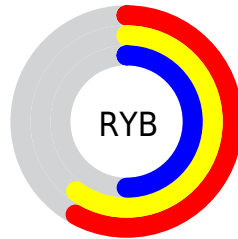
# Distribution



Red (60%)

Green (56%)

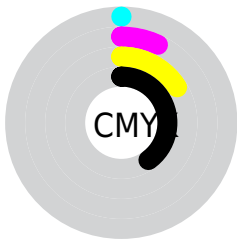
Blue (50%)



Red (58%)

Yellow (60%)

Blue (50%)

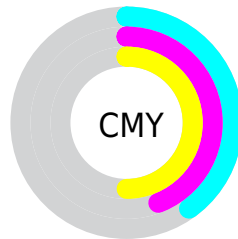


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 998E80 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 998E80 by changing the saturation by 10% instead.





998E80



998E80

FFFFFF



7F7467



CFC4B5



665C4F



ECE0D0



4E4438



FFFCED



372E23



211A0D



000000



998E80



998E80



998771



99958F



998161



999B9F

 997A52

 99A2AE

 997343

 99A9BD

 996C34

 99B0CD

 996624

 99B6DC

 995F15

 99BDEB

 995806

 99C4FA

 995600

 99CBFF

# Harmonies

## Analogous

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



9F8C84



998E80



909180

# Triad

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



998E80



7C9495



978C9A

# Complementary

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



998E80



808B99

# 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.



8E8E9E



998E80



7D939B

# Square

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



998E80



80948C



84919F



9E8A93

# Rectangle

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



998E80



8A9283



84919F



948D9C



# Sweetspot

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



998E80



C7C3BD



99808B



63615D



E3E3E3



636363



# Same Dimension

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



998E80



C7B59F



989980



4D4945



8C4F00



0D0700



# Inverse Universe

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



808B99



9FB1C7



818099



45484D



003E8C



00060D



# Previews

## White Background



This preview shows how the Hex color 998E80 looks on a white background.

## Color Contrast Check

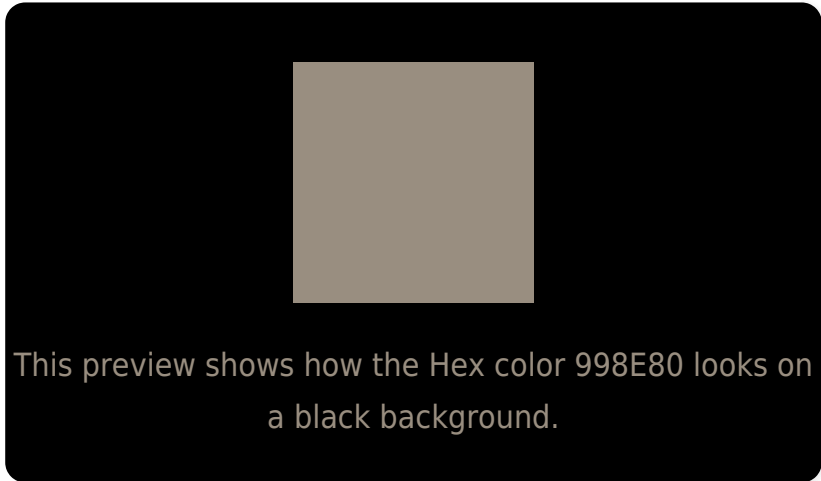
Large Text (above 18pt) WCAG AA ✓ Pass

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

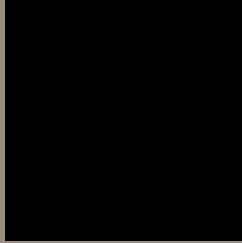
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 998E80 Background



This preview shows how black text looks on a background with the Hex color 998E80.



This preview shows how white text looks on a background with the Hex color 998E80.

# 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**  
998E80

**Protanopia**  
968F81

**Deuteranopia**  
A38A81



**Tritanopia**  
9C8B96

# Trichromacy



**Original Color**  
998E80

**Protanomaly**  
978F81

**Deuteranomaly**  
9F8B81

**Tritanomaly**  
9B8C8E

# Monochromacy



**Original Color**  
998E80

**Achromatopsia**  
909090

**Achromatomaly**  
938F8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 998E80 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 #998E80 looks like.

```
.text, #text, p{  
    color:#998E80  
}
```

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 #998E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #998E80
}
```

## Border

The CSS property to change the border of an element to Hex 998E80 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
#998E80 }
```

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

```
.border{ border-color:#998E80 }
```

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

Here you see how a box with a 4 pixel #998E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #998E80; -webkit-box-shadow:4px 4px  
4px 4px #998E80; box-shadow:4px 4px 4px  
4px #998E80 }
```

# Background

The CSS property to change the background color of an element to Hex 998E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#998E80 }
```

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

```
.background{ background-color:#998E80 }
```

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