

# Converting Colors

Hex(998E7A)

Have a look what the booklet for  
Hex(998E7A) contains.

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**Color**

**Hex(998E7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998E7A
RGB	153, 142, 122
RGB Percent	60%, 56%, 48%
CMY	0.4000, 0.4431, 0.5216
CMYK	0.00, 0.07, 0.20, 0.40
HSL	39°, 13%, 54%
HSV	39°, 20%, 60%
XYZ	26.3227, 27.5234, 22.3376
YIQ	143.0090, 12.9760, -3.8880

# Conversions

## Conversions Part 2

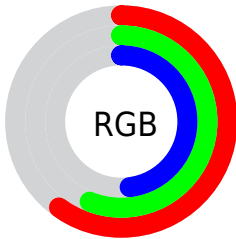
<b>Format</b>	<b>Color</b>
<b>RYB</b>	139, 153, 122
Decimal	10063482
CIELab	59.46, 0.67, 12.14
CIELCh	59, 12.158, 86.831
Yxy	27.5234, 0.3455, 0.3613
Android (android.graphics.Color)	4288253562 (0xFF998E7A)
YUV	143.0090, -10.3574, 8.7621
Hunter-Lab	52.4628, -2.2492, 11.4795

# Details

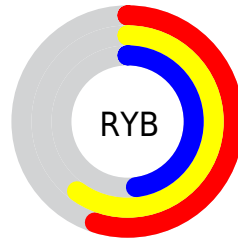
The Hex color **998E7A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A8599**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D0C4AE**, and **665C49** is the 20% darker color. If you saturate the color by 10%, you get **99896B**, and if you desaturate by 10%, it is **999389**.

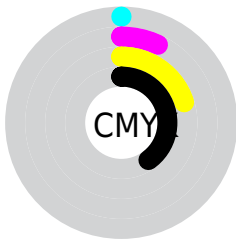
# Distribution



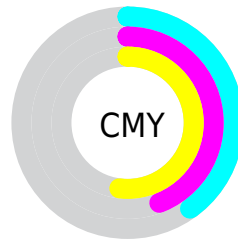
- Red (60%)
- Green (56%)
- Blue (48%)



- Red (55%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 998E7A 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 998E7A by changing the saturation by 10% instead.





998E7A



998E7A

FFFFFF



7F7461



D0C4AE



665C49



ECE0CA



4D4433



FFFCE6



362E1D



211A05



000000



998E7A



998E7A



99896B



999389



99835B



999999

997E4C

999EA8

99783D

99A4B7

99732E

99A9C7

996D1E

99AFD6

99680F

99B4E5

996300

99B9F4

99BFFF

# Harmonies

## Analogous

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



A28B7E



998E7A



8D917C

# Triad

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



998E7A



749598



9C8A9B

# Complementary

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



998E7A



7A8599

# 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.



908DA2



998E7A



7893A1

# Square

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



998E7A



77958E



8290A4



A48891

# Rectangle

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



998E7A



859380



8290A4



988B9E



# Sweetspot

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



998E7A



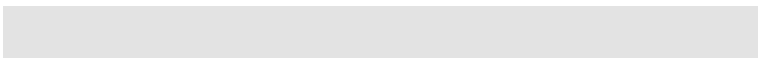
C7C3BB



997A85



63615C



E3E3E3



636363



# Same Dimension

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



998E7A



C7B697



95997A



4D4A45



8C5A00



0D0800



# Inverse Universe

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



7A8599



97A8C7



7E7A99



45484D



00328C



00050D



# Previews

## White Background



This preview shows how the Hex color 998E7A looks on a white background.

## Color Contrast Check

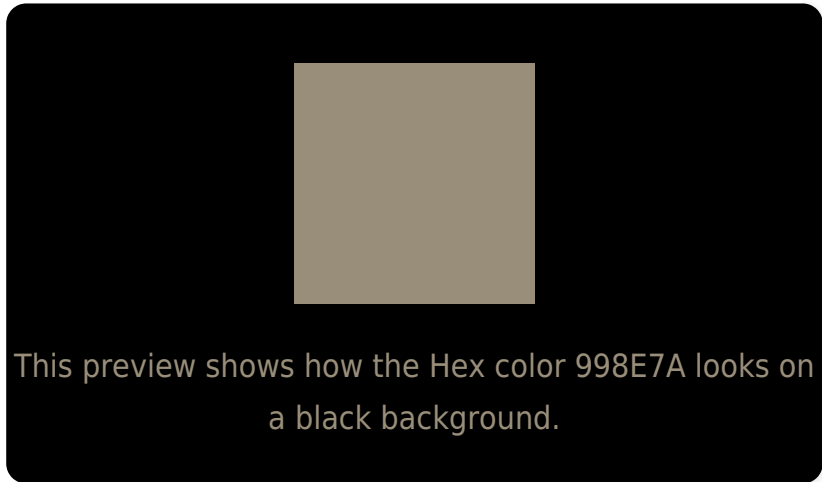
Large Text (above 18pt) WCAG AA ✓ Pass

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

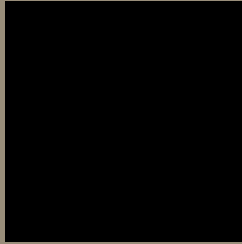
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

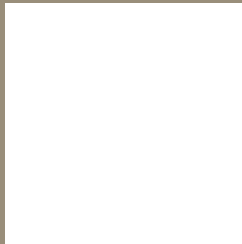
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 998E7A Background



This preview shows how black text looks on a background with the Hex color 998E7A.



This preview shows how white text looks on a background with the Hex color 998E7A.

# 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**


998E7A

**Protanopia**

968F7A

**Deuteranopia**

A48A7B



**Tritanopia**  
9C8A95

# Trichromacy



**Original Color**  
998E7A

**Protanomaly**  
978F7A

**Deuteranomaly**  
A08B7B

**Tritanomaly**  
9B8B8B

# Monochromacy



**Original Color**  
998E7A

**Achromatopsia**  
8F8F8F

**Achromatomaly**  
938F87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 998E7A 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 #998E7A looks like.

```
.text, #text, p{  
    color:#998E7A  
}
```

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 #998E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #998E7A
}
```

## Border

The CSS property to change the border of an element to Hex 998E7A 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
#998E7A }
```

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

```
.border{ border-color:#998E7A }
```

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

Here you see how a box with a 4 pixel #998E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #998E7A; -webkit-box-shadow:4px 4px  
4px 4px #998E7A; box-shadow:4px 4px 4px  
4px #998E7A }
```

# Background

The CSS property to change the background color of an element to Hex 998E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#998E7A }
```

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

```
.background{ background-color:#998E7A }
```

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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