

# Converting Colors

Hex(958E7A)

Have a look what the booklet for  
Hex(958E7A) contains.

<b>Hex(958E7A)</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(958E7A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	958E7A
RGB	149, 142, 122
RGB Percent	58%, 56%, 48%
CMY	0.4157, 0.4431, 0.5216
CMYK	0.00, 0.05, 0.18, 0.42
HSL	44°, 11%, 53%
HSV	44°, 18%, 58%
XYZ	25.5803, 27.1407, 22.3028
YIQ	141.8130, 10.5920, -4.7360

# Conversions

## Conversions Part 2

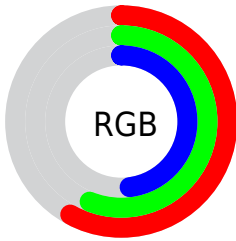
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 149, 122
Decimal	9801338
CIELab	59.10, -0.91, 11.59
CIElCh	59, 11.630, 94.471
Yxy	27.1407, 0.3410, 0.3618
Android (android.graphics.Color)	4287991418 (0xFF958E7A)
YUV	141.8130, -9.7678, 6.3030
Hunter-Lab	52.0967, -3.5231, 11.0854

# Details

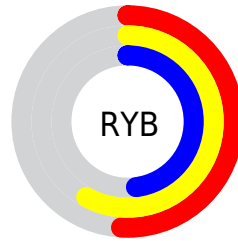
The Hex color **958E7A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A8195**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CBC4AE**, and **625C49** is the 20% darker color. If you saturate the color by 10%, you get **958A6B**, and if you desaturate by 10%, it is **959289**.

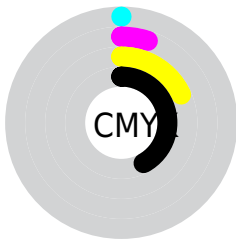
# Distribution



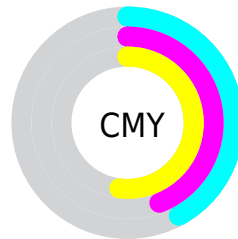
- Red (58%)
- Green (56%)
- Blue (48%)



- Red (51%)
- Yellow (58%)
- Blue (48%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (42%)



- Cyan (42%)
- Magenta (44%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 958E7A 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 958E7A by changing the saturation by 10% instead.





958E7A



958E7A

FFFFFF



7B7461



CBC4AE



625C49



E7E0CA



4A4433



FFFC E6



332E1E



1F1A05



000000



958E7A



958E7A



958A6B



959289



95865C



959698

95824D

959AA7

957F3E

959DB6

957B30

95A1C5

957721

95A5D3

957312

95A9E2

956F03

95ADF1

956E00

95B1FF

# Harmonies

## Analogous

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



9E8B7C



958E7A



89917D

# Triad

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



958E7A



749499



9D8897

# Complementary

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



958E7A



7A8195

# 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.



928B9F



958E7A



7A92A0

# Square

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



958E7A



76948F



858FA2



A3878D

# Rectangle

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



958E7A



829382



858FA2



9A899A



# Sweetspot

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



958E7A



C2BFB8



957A81



615F5B



E0E0E0



616161



# Same Dimension

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



958E7A



C2B797



8F957A



4A4843



8A6600



0A0800



# Inverse Universe

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



7A8195



97A2C2



807A95



43444A



00248A



00030A



# Previews

## White Background



This preview shows how the Hex color 958E7A looks on a white background.

## Color Contrast Check

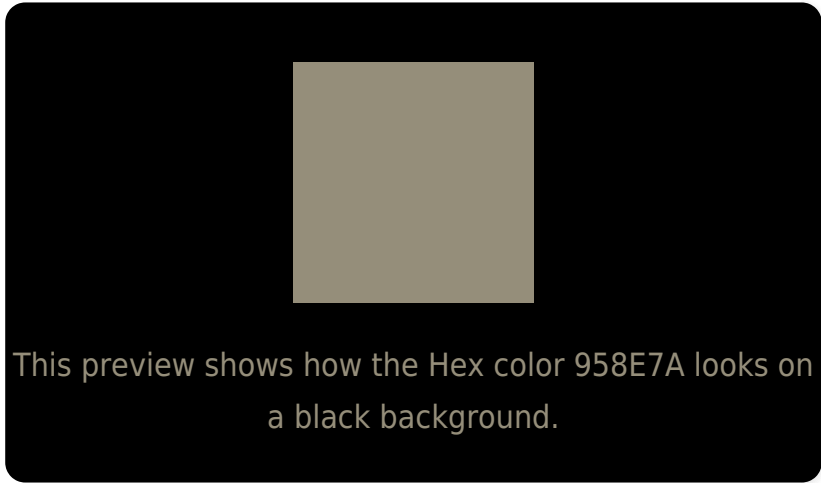
Large Text (above 18pt) WCAG AA ✓ Pass

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

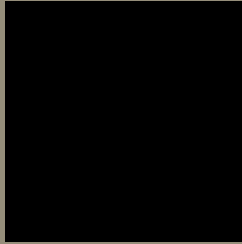
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

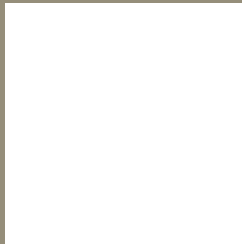
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 958E7A Background



This preview shows how black text looks on a background with the Hex color 958E7A.



This preview shows how white text looks on a background with the Hex color 958E7A.

# 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**  
958E7A

**Protanopia**  
958E7A

**Deuteranopia**  
A3897B



**Tritanopia**  
998A95

# Trichromacy



**Original Color**  
958E7A

**Protanomaly**  
958E7A

**Deuteranomaly**  
9E8B7B

**Tritanomaly**  
988B8B

# Monochromacy



**Original Color**  
958E7A

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
918E87

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 958E7A 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 #958E7A looks like.

```
.text, #text, p{  
    color:#958E7A  
}
```

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 #958E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958E7A
}
```

## Border

The CSS property to change the border of an element to Hex 958E7A 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
#958E7A }
```

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

```
.border{ border-color:#958E7A }
```

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

Here you see how a box with a 4 pixel #958E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958E7A; -webkit-box-shadow:4px 4px  
4px 4px #958E7A; box-shadow:4px 4px 4px  
4px #958E7A }
```

# Background

The CSS property to change the background color of an element to Hex 958E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958E7A }
```

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

```
.background{ background-color:#958E7A }
```

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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