

# Converting Colors

Hex(9E8A6D)

Have a look what the booklet for  
Hex(9E8A6D) contains.

<b>Hex(9E8A6D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9E8A6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E8A6D
RGB	158, 138, 109
RGB Percent	62%, 54%, 43%
CMY	0.3804, 0.4588, 0.5725
CMYK	0.00, 0.13, 0.31, 0.38
HSL	36°, 20%, 52%
HSV	36°, 31%, 62%
XYZ	25.9493, 26.5502, 18.2250
YIQ	140.6740, 21.2290, -4.7790

# Conversions

## Conversions Part 2

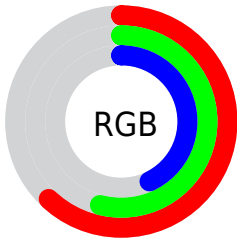
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 158, 109
Decimal	10390125
CIE Lab	58.56, 3.00, 18.32
CIE LCh	59, 18.567, 80.691
Yxy	26.5502, 0.3669, 0.3754
Android (android.graphics.Color)	4288580205 (0xFF9E8A6D)
YUV	140.6740, -15.6153, 15.1949
Hunter-Lab	51.5269, -0.2780, 15.0980

# Details

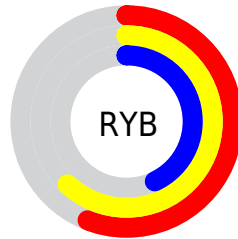
The Hex color **9E8A6D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6D819E**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D5BFA1**, and **6A583D** is the 20% darker color. If you saturate the color by 10%, you get **9E845D**, and if you desaturate by 10%, it is **9E907D**.

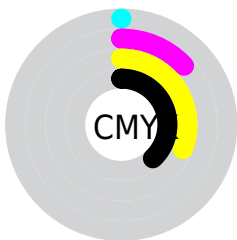
# Distribution



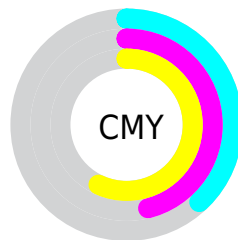
- Red (62%)
- Green (54%)
- Blue (43%)



- Red (56%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (38%)



- Cyan (38%)
- Magenta (46%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E8A6D 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 9E8A6D by changing the saturation by 10% instead.





9E8A6D



9E8A6D

FFFFFF



837155



D5BFA1



6A583D



F2DBBC



514127



FFF8D8



392B12



FFFFF4



231600



000000



9E8A6D



9E8A6D



9E845D



9E907D



9E7D4D



9E978D

 9E773E

 9E9D9C

 9E702E

 9EA4AC

 9E6A1E

 9EAABC

 9E630E

 9EB1CC

 9E5E00

 9EB7DC

 9EBEEB

 9EC4FB

# Harmonies

## Analogous

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



AA8574



9E8A6D



8D8F6E

# Triad

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



9E8A6D



609698



9D85A2

# Complementary

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



9E8A6D



6D819E

# 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.



898AAB



9E8A6D



6394A5

# Square

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



9E8A6D



6A9687



7390AD



AA8293

# Rectangle

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



9E8A6D



819274



7390AD



9787A6



# Sweetspot

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



9E8A6D



CFC7BC



9E6D81



69645D



E8E8E8



696969



# Same Dimension

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



9E8A6D



CFAF82



9A9E6D



4F4C47



8F5500



0F0900



# Inverse Universe

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



6D819E



82A1CF



716D9E



474A4F



003A8F

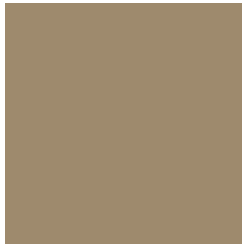


00060F



# Previews

## White Background



This preview shows how the Hex color 9E8A6D 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

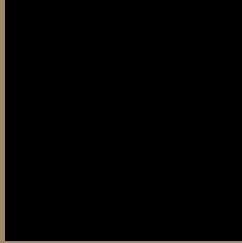
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E8A6D Background



This preview shows how black text looks on a background with the Hex color 9E8A6D.



This preview shows how white text looks on a background with the Hex color 9E8A6D.

# 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**  
9E8A6D

**Protanopia**  
968D6E

**Deuteranopia**  
A5876E



**Tritanopia**  
A28590

# Trichromacy



**Original Color**  
9E8A6D

**Protanomaly**  
998C6E

**Deuteranomaly**  
A2886E

**Tritanomaly**  
A18783

# Monochromacy



**Original Color**  
9E8A6D

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
938C81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E8A6D 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 #9E8A6D looks like.

```
.text, #text, p{  
    color:#9E8A6D  
}
```

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 #9E8A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8A6D
}
```

## Border

The CSS property to change the border of an element to Hex 9E8A6D 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
#9E8A6D }
```

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

```
.border{ border-color:#9E8A6D }
```

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

Here you see how a box with a 4 pixel #9E8A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8A6D; -webkit-box-shadow:4px 4px  
4px 4px #9E8A6D; box-shadow:4px 4px 4px  
4px #9E8A6D }
```

# Background

The CSS property to change the background color of an element to Hex 9E8A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8A6D }
```

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

```
.background{ background-color:#9E8A6D }
```

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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