

# Converting Colors

Hex(9E8954)

Have a look what the booklet for  
Hex(9E8954) contains.

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**Color**

**Hex(9E8954)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E8954
RGB	158, 137, 84
RGB Percent	62%, 54%, 33%
CMY	0.3804, 0.4627, 0.6706
CMYK	0.00, 0.13, 0.47, 0.38
HSL	43°, 31%, 47%
HSV	43°, 47%, 62%
XYZ	24.6464, 25.8005, 12.0685
YIQ	137.2370, 29.5290, -12.0310

# Conversions

## Conversions Part 2

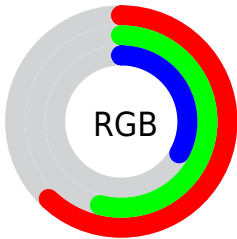
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 158, 84
Decimal	10389844
CIELab	57.85, 0.53, 31.25
CIELCh	58, 31.256, 89.019
Yxy	25.8005, 0.3942, 0.4127
Android (android.graphics.Color)	4288579924 (0xFF9E8954)
YUV	137.2370, -26.2458, 18.2092
Hunter-Lab	50.7942, -2.2778, 21.4689

# Details

The Hex color **9E8954** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **54699E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D6BE86**, and **695725** is the 20% darker color. If you saturate the color by 10%, you get **9E8544**, and if you desaturate by 10%, it is **9E8D64**.

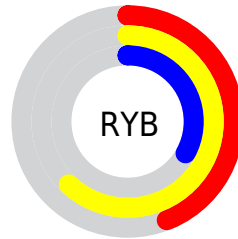
# Distribution



Red (62%)

Green (54%)

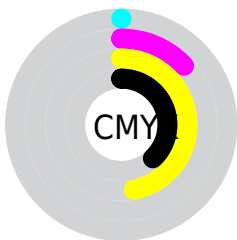
Blue (33%)



Red (44%)

Yellow (62%)

Blue (33%)

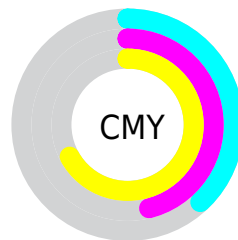


Cyan (0%)

Magenta (13%)

Yellow (47%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E8954 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 9E8954 by changing the saturation by 10% instead.





9E8954



9E8954

FFFFFF



83703C



D6BE86



695725



F3DAA1



4F400E



FFF6BC



382A00



FFFFD8



1F1600



FFFFFF5



000000



9E8954



9E8954



9E8544



9E8D64



9E8034



9E9274

 9E7C25

 9E9683

 9E7715

 9E9B93

 9E7305

 9E9FA3

 9E7100

 9EA4B3

 9EA8C3

 9EADD2

 9EB1E2

# Harmonies

## Analogous

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



B4805D



9E8954



82915A

# Triad

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



9E8954



2099A5



AD7BA8

# Complementary

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



9E8954



54699E

# 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.



8D84BB



9E8954



3595B9

# Square

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



9E8954



3E9A89



638EC1



BE768D

# Rectangle

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



9E8954



6C9566



638EC1



A47EAF



# Sweetspot

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



9E8954



CFC6B2



9E546A



696457



E8E8E8



696969



# Same Dimension

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



9E8954



CFAE5B



8F9E54



4F4D47



8F6600



0F0B00



# Inverse Universe

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



54699E



5B7CCF



63549E



47494F



00298F



00040F



# Previews

## White Background



This preview shows how the Hex color 9E8954 looks on a white background.

## Color Contrast Check

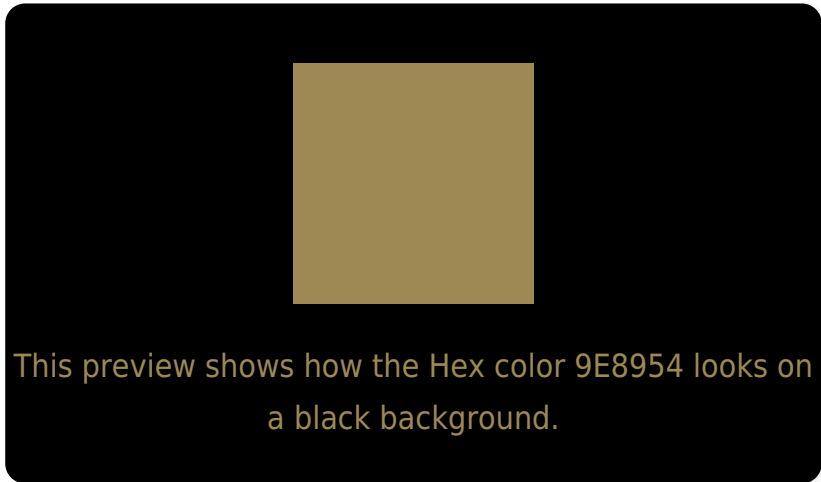
Large Text (above 18pt) WCAG AA ✓ Pass

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

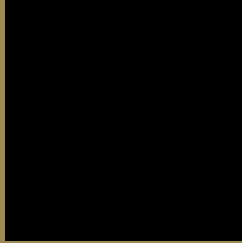
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E8954 Background



This preview shows how black text looks on a background with the Hex color 9E8954.



This preview shows how white text looks on a background with the Hex color 9E8954.

# 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**  
9E8954

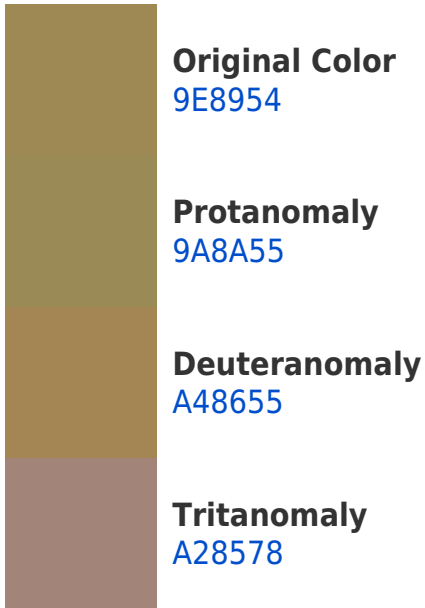
**Protanopia**  
988B55

**Deuteranopia**  
A88555

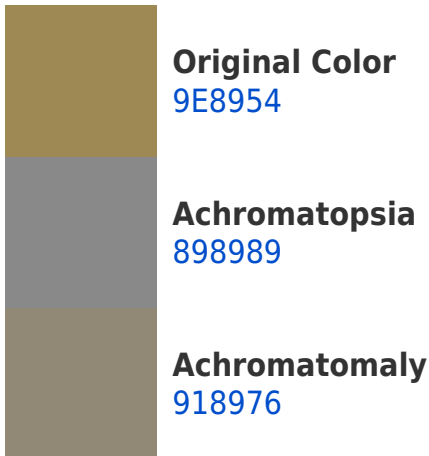


**Tritanopia**  
A4828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E8954 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 #9E8954 looks like.

```
.text, #text, p{  
    color:#9E8954  
}
```

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 #9E8954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E8954
}
```

## Border

The CSS property to change the border of an element to Hex 9E8954 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
#9E8954 }
```

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

```
.border{ border-color:#9E8954 }
```

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

Here you see how a box with a 4 pixel #9E8954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E8954; -webkit-box-shadow:4px 4px  
4px 4px #9E8954; box-shadow:4px 4px 4px  
4px #9E8954 }
```

# Background

The CSS property to change the background color of an element to Hex 9E8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E8954 }
```

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

```
.background{ background-color:#9E8954 }
```

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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