

# Converting Colors

Hex(9E7A44)

Have a look what the booklet for  
Hex(9E7A44) contains.

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**Color**

**Hex(9E7A44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E7A44
RGB	158, 122, 68
RGB Percent	62%, 48%, 27%
CMY	0.3804, 0.5216, 0.7333
CMYK	0.00, 0.23, 0.57, 0.38
HSL	36°, 40%, 44%
HSV	36°, 57%, 62%
XYZ	22.1035, 21.6055, 8.4741
YIQ	126.6080, 38.7900, -9.1620

# Conversions

## Conversions Part 2

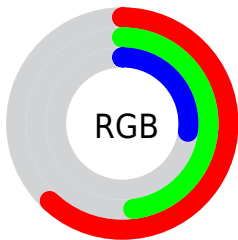
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 158, 68
Decimal	10385988
CIE <sub>Lab</sub>	53.61, 7.45, 34.62
CIE <sub>LCh</sub>	54, 35.412, 77.855
Yxy	21.6055, 0.4236, 0.4140
Android (android.graphics.Color)	4288576068 (0xFF9E7A44)
YUV	126.6080, -28.8937, 27.5308
Hunter-Lab	46.4817, 3.5391, 21.7280

# Details

The Hex color **9E7A44** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **44689E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D7AE76**, and **684A15** is the 20% darker color. If you saturate the color by 10%, you get **9E7434**, and if you desaturate by 10%, it is **9E8054**.

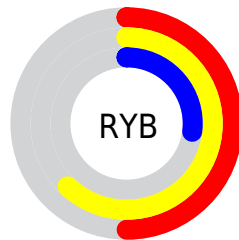
# Distribution



Red (62%)

Green (48%)

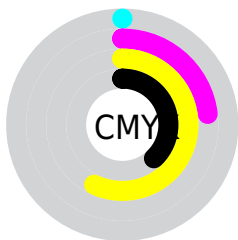
Blue (27%)



Red (50%)

Yellow (62%)

Blue (27%)

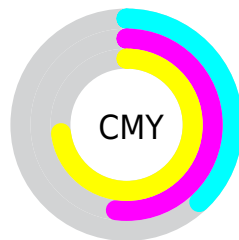


Cyan (0%)

Magenta (23%)

Yellow (57%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7A44 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 9E7A44 by changing the saturation by 10% instead.





9E7A44



9E7A44

FFFFFF



83612C



D7AE76



684A15



F4CA90



4E3300



FFE6AA



351E00



FFFFC6



1D0700



FFFFE2



000000



9E7A44



9E7A44



9E7434



9E8054



9E6D24



9E8764

 9E6715

 9E8D73

 9E6105

 9E9383

 9E5F00

 9E9A93

 9EA0A3

 9EA6B3

 9EADC2

 9EB3D2

# Harmonies

## Analogous

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



B36F54



9E7A44



818444

# Triad

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



9E7A44



009092



9A71A9

# Complementary

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



9E7A44



44689E

# 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.



707DBA



9E7A44



008DAC

# Square

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



9E7A44



328F72



3487BB



B3698E

# Rectangle

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



9E7A44



6B894F



3487BB



8E75B0



# Sweetspot

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



9E7A44



CFC1AB



9E4468



696054



E8E8E8



696969



# Same Dimension

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



9E7A44



CF9642



959E44



4F4C47



8F5600



0F0900



# Inverse Universe

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



44689E



427ACF



4D449E



474A4F



00398F



00060F



# Previews

## White Background



This preview shows how the Hex color 9E7A44 looks on a white background.

## Color Contrast Check

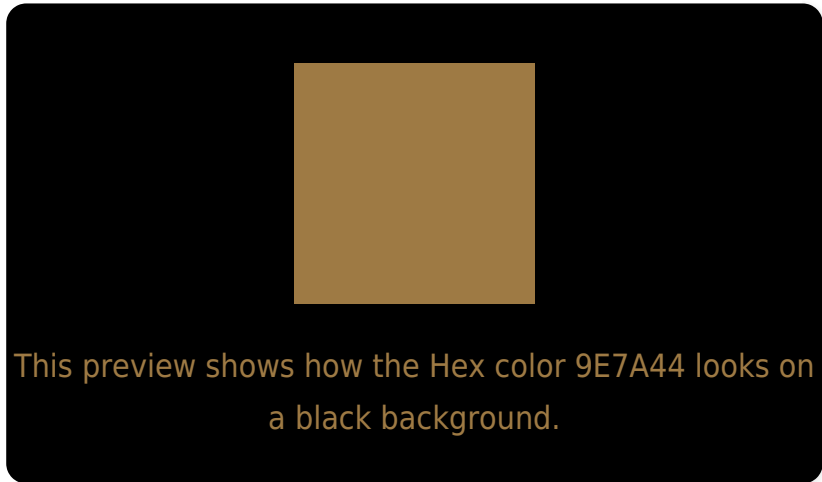
Large Text (above 18pt) WCAG AA ✓ Pass

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

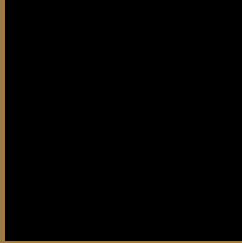
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7A44 Background



This preview shows how black text looks on a background with the Hex color 9E7A44.



This preview shows how white text looks on a background with the Hex color 9E7A44.

# 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**  
9E7A44

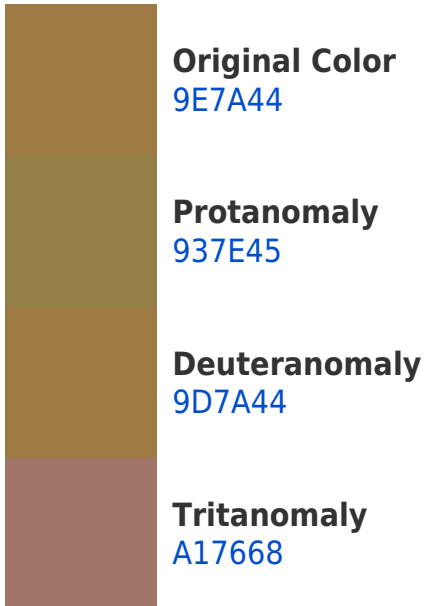
**Protanopia**  
8D8046

**Deuteranopia**  
9D7A44

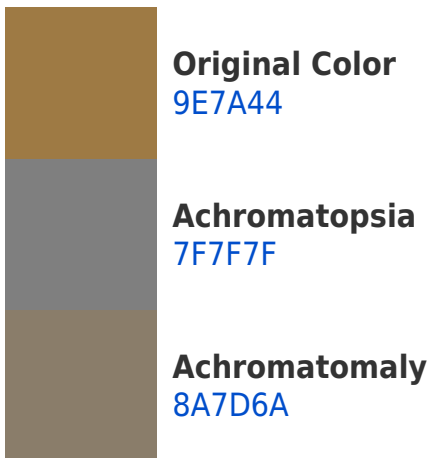


**Tritanopia**  
A3737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7A44 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 #9E7A44 looks like.

```
.text, #text, p{  
    color:#9E7A44  
}
```

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 #9E7A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7A44
}
```

## Border

The CSS property to change the border of an element to Hex 9E7A44 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
#9E7A44 }
```

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

```
.border{ border-color:#9E7A44 }
```

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

Here you see how a box with a 4 pixel #9E7A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7A44; -webkit-box-shadow:4px 4px  
4px 4px #9E7A44; box-shadow:4px 4px 4px  
4px #9E7A44 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7A44 }
```

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

```
.background{ background-color:#9E7A44 }
```

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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