

# Converting Colors

Hex(9E7E41)

Have a look what the booklet for  
Hex(9E7E41) contains.

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**Color**

**Hex(9E7E41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E7E41
RGB	158, 126, 65
RGB Percent	62%, 49%, 25%
CMY	0.3804, 0.5059, 0.7451
CMYK	0.00, 0.20, 0.59, 0.38
HSL	39°, 42%, 44%
HSV	39°, 59%, 62%
XYZ	22.5155, 22.5725, 8.1713
YIQ	128.6140, 38.6530, -12.1870

# Conversions

## Conversions Part 2

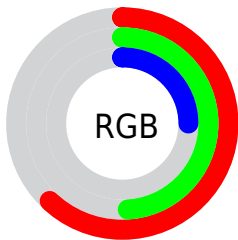
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 158, 65
Decimal	10387009
CIELab	54.63, 4.94, 37.41
CIElCh	55, 37.738, 82.481
Yxy	22.5725, 0.4228, 0.4238
Android (android.graphics.Color)	4288577089 (0xFF9E7E41)
YUV	128.6140, -31.3617, 25.7715
Hunter-Lab	47.5105, 1.4490, 23.0602

# Details

The Hex color **9E7E41** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41619E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D7B373**, and **684D11** is the 20% darker color. If you saturate the color by 10%, you get **9E7931**, and if you desaturate by 10%, it is **9E8351**.

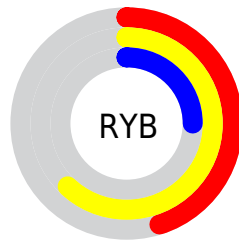
# Distribution



Red (62%)

Green (49%)

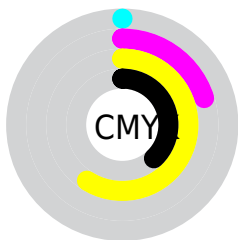
Blue (25%)



Red (45%)

Yellow (62%)

Blue (25%)

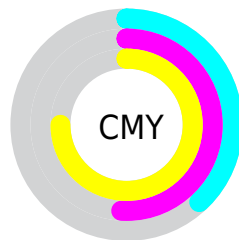


Cyan (0%)

Magenta (20%)

Yellow (59%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7E41 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 9E7E41 by changing the saturation by 10% instead.





9E7E41



9E7E41

FFFFFF



836529



D7B373



684D11



F4CE8D



4E3700



FFEEA7



352200



FFFFC3



1C0C00



FFFFDF



000000

FFFFFFC



9E7E41



9E7E41



9E7931



9E8351

■ 9E7321

■ 9E8961

■ 9E6E12

■ 9E8E70

■ 9E6802

■ 9E9480

■ 9E6800

■ 9E9990

■ 9E9FA0

■ 9EA4B0

■ 9EA9BF

■ 9EAFCF

# Harmonies

## Analogous

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



B67250



9E7E41



7E8845

# Triad

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



9E7E41



00939B



A371AB

# Complementary

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



9E7E41



41619E

# 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.



797DBF



9E7E41



0090B6

# Square

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



9E7E41



1F9379



3989C3



BB698C

# Rectangle

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



9E7E41



668D51



3989C3



9775B3



# Sweetspot

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



9E7E41



CFC2A9



9E4162



696152



E8E8E8



696969



# Same Dimension

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



9E7E41



CF9C3C



909E41



4F4C47



8F5E00



0F0A00



# Inverse Universe

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



41619E



3C6ECF



4F419E



474A4F



00318F



00050F



# Previews

## White Background



This preview shows how the Hex color 9E7E41 looks on a white background.

## Color Contrast Check

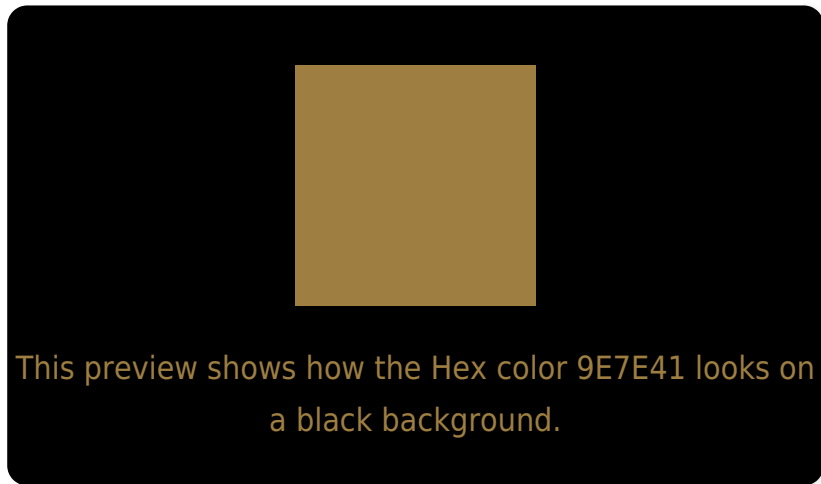
Large Text (above 18pt) WCAG AA ✓ Pass

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

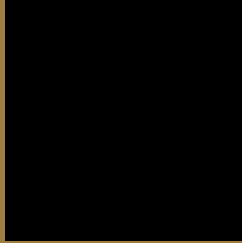
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7E41 Background



This preview shows how black text looks on a background with the Hex color 9E7E41.



This preview shows how white text looks on a background with the Hex color 9E7E41.

# 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**  
9E7E41

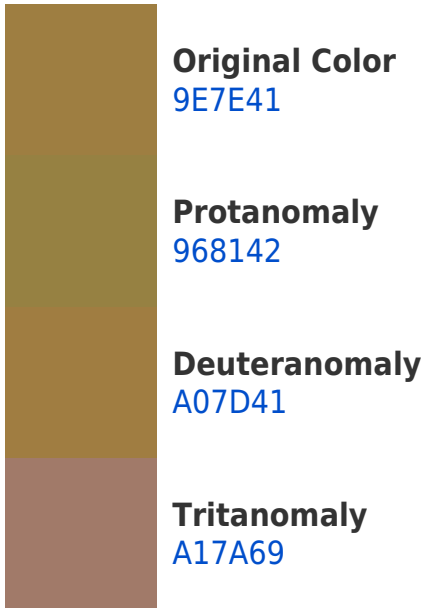
**Protanopia**  
918343

**Deuteranopia**  
A17D41

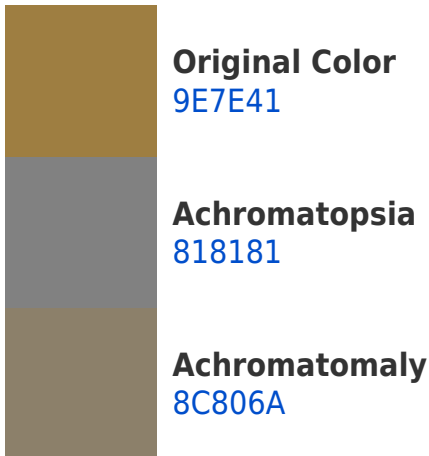


**Tritanopia**  
A37780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7E41 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 #9E7E41 looks like.

```
.text, #text, p{  
    color:#9E7E41  
}
```

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 #9E7E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7E41
}
```

## Border

The CSS property to change the border of an element to Hex 9E7E41 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
#9E7E41 }
```

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

```
.border{ border-color:#9E7E41 }
```

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

Here you see how a box with a 4 pixel #9E7E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7E41; -webkit-box-shadow:4px 4px  
4px 4px #9E7E41; box-shadow:4px 4px 4px  
4px #9E7E41 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7E41 }
```

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

```
.background{ background-color:#9E7E41 }
```

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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