

# Converting Colors

Hex(9E7A42)

Have a look what the booklet for  
Hex(9E7A42) contains.

<b>Hex(9E7A42)</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(9E7A42)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7A42
RGB	158, 122, 66
RGB Percent	62%, 48%, 26%
CMY	0.3804, 0.5216, 0.7412
CMYK	0.00, 0.23, 0.58, 0.38
HSL	37°, 41%, 44%
HSV	37°, 58%, 62%
XYZ	22.0435, 21.5815, 8.1581
YIQ	126.3800, 39.4320, -9.7840

# Conversions

## Conversions Part 2

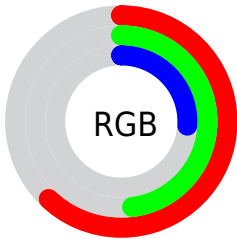
Format	Color
<b>RYB</b>	125, 158, 66
Decimal	10385986
CIELab	53.58, 7.28, 35.65
CIELCh	54, 36.387, 78.454
Yxy	21.5815, 0.4257, 0.4168
Android (android.graphics.Color)	4288576066 (0xFF9E7A42)
YUV	126.3800, -29.7673, 27.7307
Hunter-Lab	46.4559, 3.4009, 22.1073

# Details

The Hex color **9E7A42** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **42669E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **D7AE73**, and **684A13** is the 20% darker color. If you saturate the color by 10%, you get **9E7432**, and if you desaturate by 10%, it is **9E8052**.

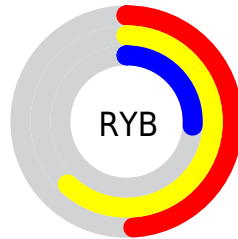
# Distribution



Red (62%)

Green (48%)

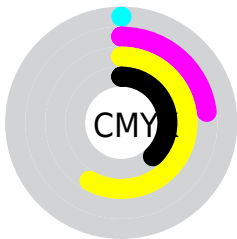
Blue (26%)



Red (49%)

Yellow (62%)

Blue (26%)

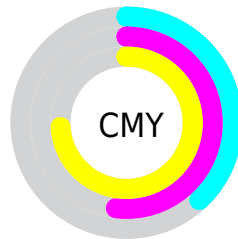


Cyan (0%)

Magenta (23%)

Yellow (58%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7A42 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 9E7A42 by changing the saturation by 10% instead.





9E7A42



9E7A42

FFFFFF



83612A



D7AE73



684A13



F4CA8D



4E3300



FFE6A8



341E00



FFFFC4



1C0700



FFFFE0



000000

FFFFFFD



9E7A42



9E7A42



9E7432



9E8052

 9E6E22

 9E8662

 9E6713

 9E8D71

 9E6103

 9E9381

 9E6000

 9E9991

 9E9FA1

 9EA5B1

 9EABC0

 9EB2D0

# Harmonies

## Analogous

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



B36F52



9E7A42



808443

# Triad

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



9E7A42



009093



9B71AA

# Complementary

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



9E7A42



42669E

# 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.



707CBB



9E7A42



008DAE

# Square

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



9E7A42



2D9072



3087BD



B5688D

# Rectangle

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



9E7A42



69894D



3087BD



8F74B1



# Sweetspot

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



9E7A42



CFC1AB



9E4267



696054



E8E8E8



696969



# Same Dimension

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



9E7A42



CF963E



959E42



4F4C47



8F5700



0F0900



# Inverse Universe

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



42669E



3E77CF



4B429E



474A4F



00388F



00060F



# Previews

## White Background



This preview shows how the Hex color 9E7A42 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

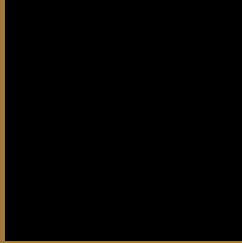
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E7A42 Background



This preview shows how black text looks on a background with the Hex color 9E7A42.



This preview shows how white text looks on a background with the Hex color 9E7A42.

# 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**  
9E7A42

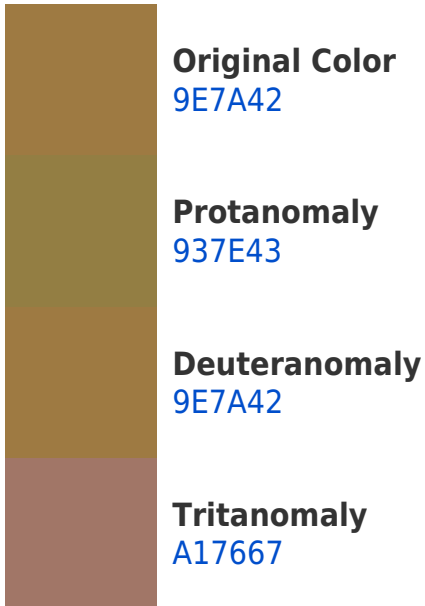
**Protanopia**  
8D8044

**Deuteranopia**  
9E7A42

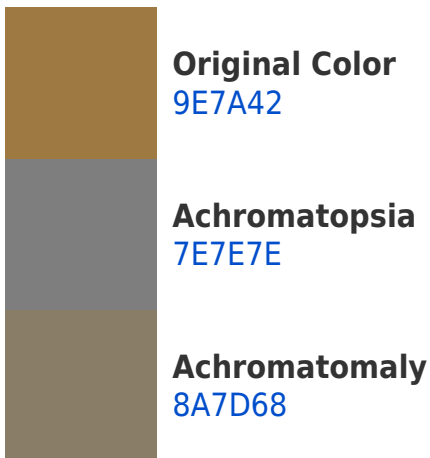


**Tritanopia**  
A3737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7A42 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 #9E7A42 looks like.

```
.text, #text, p{  
    color:#9E7A42  
}
```

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 #9E7A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7A42
}
```

## Border

The CSS property to change the border of an element to Hex 9E7A42 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
#9E7A42 }
```

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

```
.border{ border-color:#9E7A42 }
```

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

Here you see how a box with a 4 pixel #9E7A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7A42; -webkit-box-shadow:4px 4px  
4px 4px #9E7A42; box-shadow:4px 4px 4px  
4px #9E7A42 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7A42 }
```

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

```
.background{ background-color:#9E7A42 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor