

# Converting Colors

Hex(9E7C49)

Have a look what the booklet for  
Hex(9E7C49) contains.

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**Color**

**Hex(9E7C49)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E7C49
RGB	158, 124, 73
RGB Percent	62%, 49%, 29%
CMY	0.3804, 0.5137, 0.7137
CMYK	0.00, 0.22, 0.54, 0.38
HSL	36°, 37%, 45%
HSV	36°, 54%, 62%
XYZ	22.5108, 22.1654, 9.3952
YIQ	128.3520, 36.6350, -8.6530

# Conversions

## Conversions Part 2

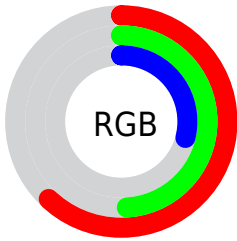
<b>Format</b>	<b>Color</b>
<b>RYB</b>	130, 158, 73
Decimal	10386505
CIELab	54.20, 6.76, 32.66
CIElCh	54, 33.352, 78.310
Yxy	22.1654, 0.4163, 0.4099
Android (android.graphics.Color)	4288576585 (0xFF9E7C49)
YUV	128.3520, -27.2885, 26.0013
Hunter-Lab	47.0802, 2.9572, 21.1243

# Details

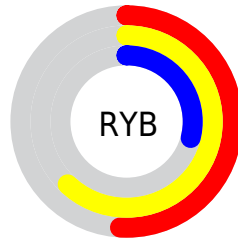
The Hex color **9E7C49** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **496B9E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D7B07B**, and **684B1B** is the 20% darker color. If you saturate the color by 10%, you get **9E7639**, and if you desaturate by 10%, it is **9E8259**.

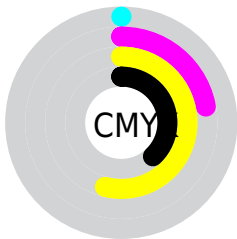
# Distribution



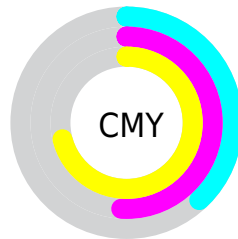
- Red (62%)
- Green (49%)
- Blue (29%)



- Red (51%)
- Yellow (62%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E7C49 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 9E7C49 by changing the saturation by 10% instead.



 9E7C49

 9E7C49

FFFFFF

 836331

 D7B07B

 684B1B

 F4CC95

 4E3502

 FFE8B0

 352000

 FFFFEB

 1D0900

 FFFFEB

 000000

 9E7C49

 9E7C49

 9E7639

 9E8259

 9E6F29

 9E8969

 9E691A

 9E8F78

 9E630A

 9E9588

 9E5F00

 9E9C98

 9EA2A8

 9EA8B8

 9EAFC7

 9EB5D7

# Harmonies

## Analogous

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



B27258



9E7C49



82854A

# Triad

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



9E7C49



009193



9B74A8

# Complementary

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



9E7C49



496B9E

# 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.



747EB8



9E7C49



008EAC

# Square

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



9E7C49



3A9075



4088BA



B26C8E

# Rectangle

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



9E7C49



6D8A53



4088BA



8F77AF



# Sweetspot

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



9E7C49



CFC1AE



9E496B



696155



E8E8E8



696969



# Same Dimension

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



9E7C49



CF9948



969E49



4F4C47



8F5600



0F0900



# Inverse Universe

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



496B9E



487ECF



51499E



474A4F



00398F

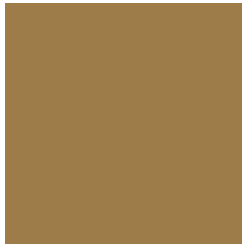


00060F



# Previews

## White Background



This preview shows how the Hex color 9E7C49 looks on a white background.

## Color Contrast Check

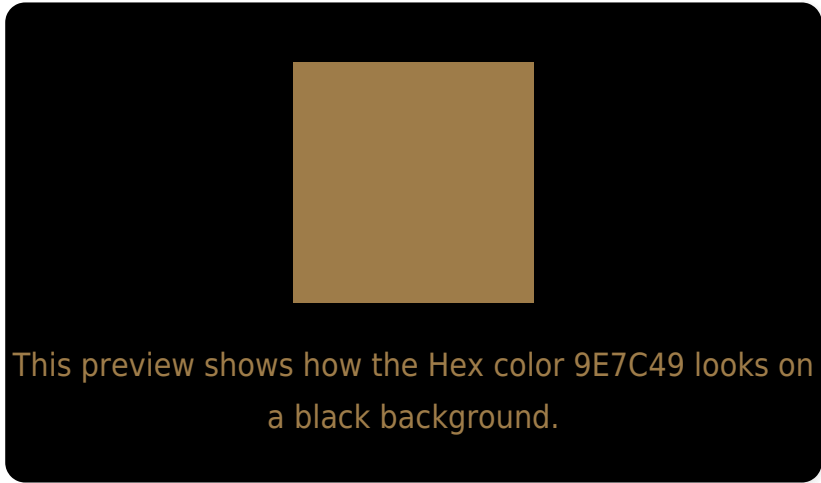
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E7C49 Background



This preview shows how black text looks on a background with the Hex color 9E7C49.



This preview shows how white text looks on a background with the Hex color 9E7C49.

# 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**  
9E7C49

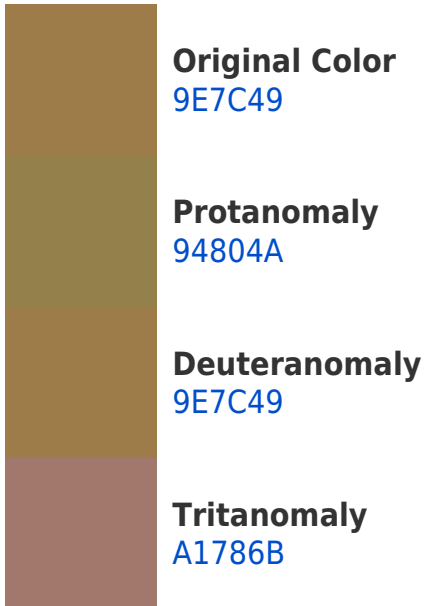
**Protanopia**  
8E824B

**Deuteranopia**  
9E7C49

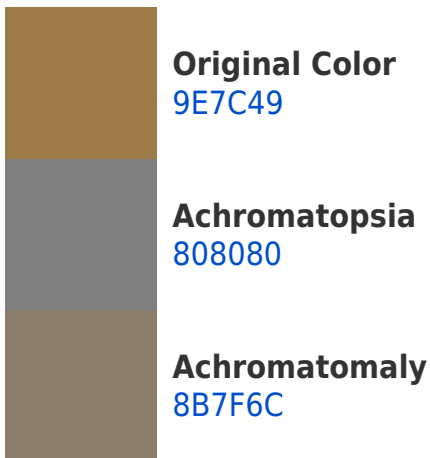


**Tritanopia**  
A3767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E7C49 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 #9E7C49 looks like.

```
.text, #text, p{  
    color:#9E7C49  
}
```

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 #9E7C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7C49
}
```

## Border

The CSS property to change the border of an element to Hex 9E7C49 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
#9E7C49 }
```

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

```
.border{ border-color:#9E7C49 }
```

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

Here you see how a box with a 4 pixel #9E7C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7C49; -webkit-box-shadow:4px 4px  
4px 4px #9E7C49; box-shadow:4px 4px 4px  
4px #9E7C49 }
```

# Background

The CSS property to change the background color of an element to Hex 9E7C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7C49 }
```

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

```
.background{ background-color:#9E7C49 }
```

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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