

# Converting Colors

Hex(997747)

Have a look what the booklet for  
Hex(997747) contains.

<b>Hex(997747)</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(997747)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	997747
RGB	153, 119, 71
RGB Percent	60%, 47%, 28%
CMY	0.4000, 0.5333, 0.7216
CMYK	0.00, 0.22, 0.54, 0.40
HSL	35°, 37%, 44%
HSV	35°, 54%, 60%
XYZ	20.8710, 20.4209, 8.8028
YIQ	123.6940, 35.6720, -7.7200

# Conversions

## Conversions Part 2

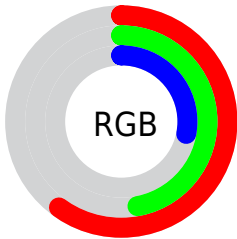
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 153, 71
Decimal	10057543
CIELab	52.31, 7.21, 31.30
CIElCh	52, 32.115, 77.022
Yxy	20.4209, 0.4166, 0.4076
Android (android.graphics.Color)	4288247623 (0xFF997747)
YUV	123.6940, -25.9781, 25.7014
Hunter-Lab	45.1895, 3.3597, 20.0830

# Details

The Hex color **997747** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **476999**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D1AB78**, and **634719** is the 20% darker color. If you saturate the color by 10%, you get **997138**, and if you desaturate by 10%, it is **997D56**.

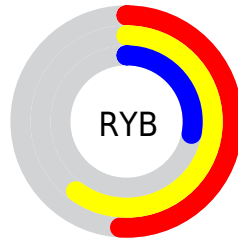
# Distribution



Red (60%)

Green (47%)

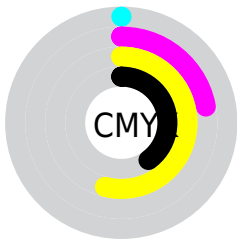
Blue (28%)



Red (51%)

Yellow (60%)

Blue (28%)

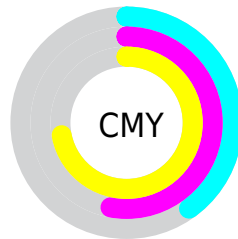


Cyan (0%)

Magenta (22%)

Yellow (54%)

Black (40%)



Cyan (40%)

Magenta (53%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997747 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 997747 by changing the saturation by 10% instead.



 997747

 997747

FFFFFF

 7E5E30

 D1AB78

 634719

 EEC692

 4A3000

 FFE2AD

 311C00

 FFFFC9

 190200

 FFFF E5

 000000

 997747

 997747

 997138

 997D56

 996A28

 998466

 996419

 998A75

 995E0A

 999084

 995A00

 999793

 999DA3

 99A3B2

 99AAC1

 99B0D1

# Harmonies

## Analogous

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



AB6E56



997747



7F8047

# Triad

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



997747



008B8C



9370A3

# Complementary

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



997747



476999

# 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.



6E7AB1



997747



0089A4

# Square

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



997747



3B8B70



3C83B2



AB688A

# Rectangle

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



997747



6B8550



3C83B2



8873A9



# Sweetspot

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



997747



C7BAA7



994769



635C51



E3E3E3



636363



# Same Dimension

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



997747



C79248



929947



4D4945



8C5200



0D0700



# Inverse Universe

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



476999



487CC7



4E4799



45484D



003A8C

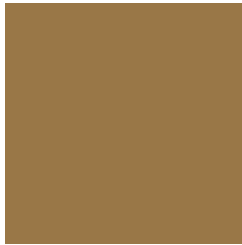


00050D



# Previews

## White Background



This preview shows how the Hex color 997747 looks on a white background.

## Color Contrast Check

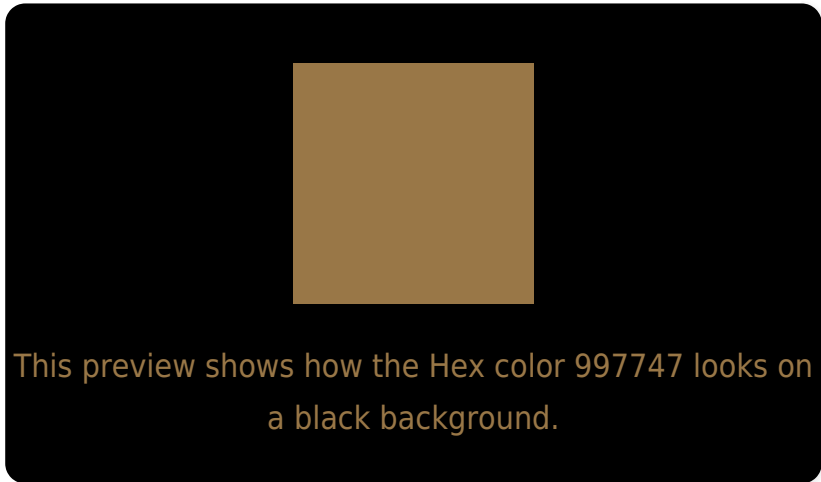
Large Text (above 18pt) WCAG AA ✓ Pass

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 997747 Background



This preview shows how black text looks on a background with the Hex color 997747.



This preview shows how white text looks on a background with the Hex color 997747.

# 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**  
997747

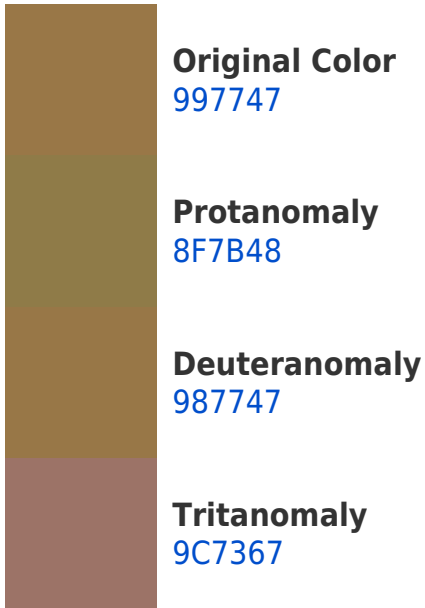
**Protanopia**  
897D49

**Deuteranopia**  
987747

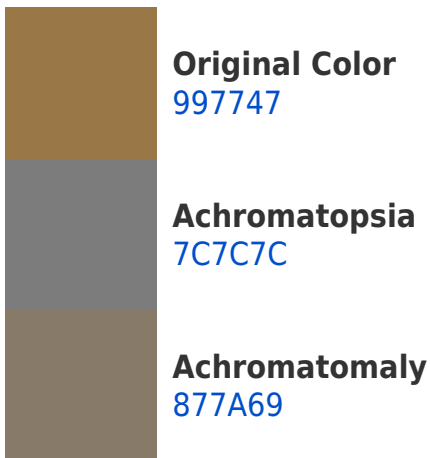


**Tritanopia**  
9D717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997747 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 #997747 looks like.

```
.text, #text, p{  
    color:#997747  
}
```

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 #997747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997747
}
```

## Border

The CSS property to change the border of an element to Hex 997747 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
#997747 }
```

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

```
.border{ border-color:#997747 }
```

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

Here you see how a box with a 4 pixel #997747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997747; -webkit-box-shadow:4px 4px  
4px 4px #997747; box-shadow:4px 4px 4px  
4px #997747 }
```

# Background

The CSS property to change the background color of an element to Hex 997747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997747 }
```

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

```
.background{ background-color:#997747 }
```

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