

# Converting Colors

Hex(997867)

Have a look what the booklet for  
Hex(997867) contains.

<b>Hex(997867)</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(997867)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	997867
RGB	153, 120, 103
RGB Percent	60%, 47%, 40%
CMY	0.4000, 0.5294, 0.5961
CMYK	0.00, 0.22, 0.33, 0.40
HSL	20°, 20%, 50%
HSV	20°, 33%, 60%
XYZ	22.3015, 21.1845, 15.7456
YIQ	127.9290, 25.1250, 1.7090

# Conversions

## Conversions Part 2

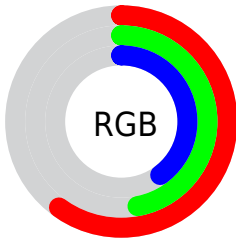
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 129, 103
Decimal	10057831
CIE <sub>Lab</sub>	53.15, 10.33, 14.25
CIE <sub>LCh</sub>	53, 17.597, 54.065
Yxy	21.1845, 0.3765, 0.3577
Android (android.graphics.Color)	4288247911 (0xFF997867)
YUV	127.9290, -12.2900, 21.9873
Hunter-Lab	46.0266, 5.9429, 11.9357

# Details

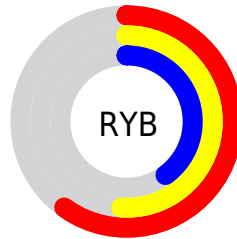
The Hex color **997867** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **678899**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D0AC9A**, and **654738** is the 20% darker color. If you saturate the color by 10%, you get **996E58**, and if you desaturate by 10%, it is **998276**.

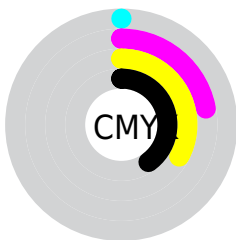
# Distribution



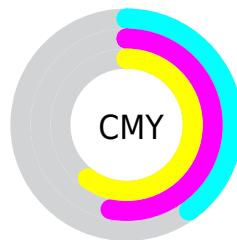
- Red (60%)
- Green (47%)
- Blue (40%)



- Red (60%)
- Yellow (51%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 997867 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 997867 by changing the saturation by 10% instead.



 997867

 997867

FFFFFF

 7E5F4F

 D0AC9A

 654738

 EDC8B5

 4C3122

 FFE4D1

 341C0D

 FFFFED

 1F0300

 000000

 997867

 997867

 996E58

 998276

 996448

 998C86

■ 995A39

■ 999695

■ 99502A

■ 99A0A4

■ 99461B

■ 99AAB4

■ 993B0B

■ 99B5C3

■ 993400

■ 99BFD2

■ 99C9E1

■ 99D3F1

# Harmonies

## Analogous

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



9E7573



997867



8D7D61

# Triad

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



997867



5D877B



7E7C9A

# Complementary

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



997867



678899

# 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.



69819D



997867



55878B

# Square

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



997867



6C856D



598597



907791

# Rectangle

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



997867



838062



598597



777E9C



# Sweetspot

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



997867



C7BAB3



996788



635C58



E3E3E3



636363



# Same Dimension

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



997867



C79479



999167



4D4745



8C3000



0D0400



# Inverse Universe

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



678899



79ADC7



676F99



454A4D



005D8C



00080D



# Previews

## White Background



This preview shows how the Hex color 997867 looks on a white background.

## Color Contrast Check

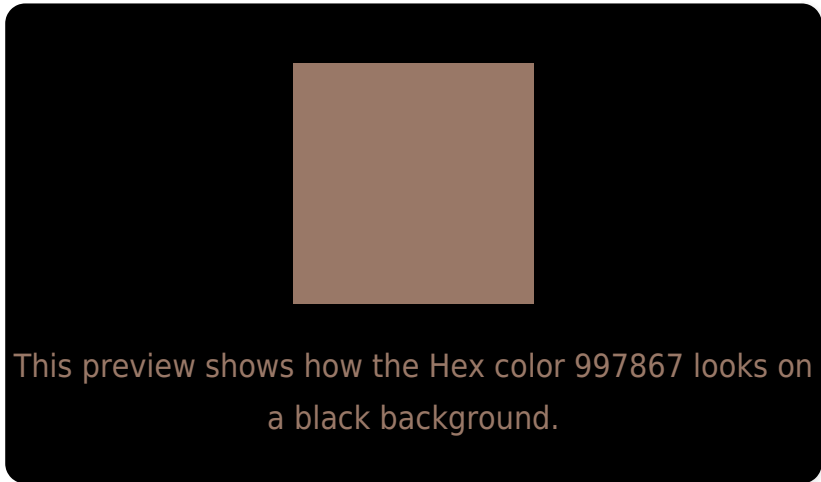
Large Text (above 18pt) WCAG AA ✓ Pass

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 997867 Background



This preview shows how black text looks on a background with the Hex color 997867.



This preview shows how white text looks on a background with the Hex color 997867.

# 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**  
997867

**Protanopia**  
867F6A

**Deuteranopia**  
947A67



**Tritanopia**  
9B757E

# Trichromacy



**Original Color**  
997867

**Protanomaly**  
8D7C69

**Deuteranomaly**  
967967

**Tritanomaly**  
9A7676

# Monochromacy



**Original Color**  
997867

**Achromatopsia**  
808080

**Achromatomaly**  
897D77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 997867 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 #997867 looks like.

```
.text, #text, p{  
    color:#997867  
}
```

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 #997867 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997867
}
```

## Border

The CSS property to change the border of an element to Hex 997867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

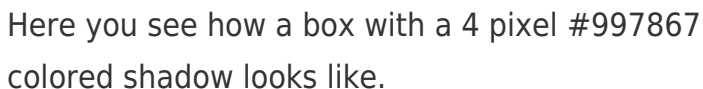
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#997867 }
```

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

```
.border{ border-color:#997867 }
```

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



Here you see how a box with a 4 pixel #997867 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997867; -webkit-box-shadow:4px 4px  
4px 4px #997867; box-shadow:4px 4px 4px  
4px #997867 }
```

# Background

The CSS property to change the background color of an element to Hex 997867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997867 }
```

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

```
.background{ background-color:#997867 }
```

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