

# Converting Colors

Hex(99783F)

Have a look what the booklet for  
Hex(99783F) contains.

<b>Hex(99783F)</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(99783F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99783F
RGB	153, 120, 63
RGB Percent	60%, 47%, 25%
CMY	0.4000, 0.5294, 0.7529
CMYK	0.00, 0.22, 0.59, 0.40
HSL	38°, 42%, 42%
HSV	38°, 59%, 60%
XYZ	20.7505, 20.5641, 7.5782
YIQ	123.3690, 37.9650, -10.7310

# Conversions

## Conversions Part 2

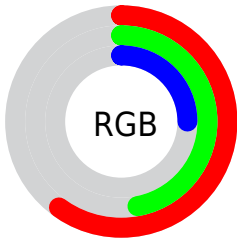
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 153, 63
Decimal	10057791
CIE <sub>Lab</sub>	52.47, 5.94, 35.78
CIE <sub>LCh</sub>	52, 36.272, 80.568
Yxy	20.5641, 0.4244, 0.4206
Android (android.graphics.Color)	4288247871 (0xFF99783F)
YUV	123.3690, -29.7619, 25.9864
Hunter-Lab	45.3477, 2.3209, 21.8352

# Details

The Hex color **99783F** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3F6099**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D2AC70**, and **634810** is the 20% darker color. If you saturate the color by 10%, you get **997230**, and if you desaturate by 10%, it is **997E4E**.

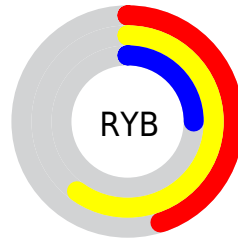
# Distribution



Red (60%)

Green (47%)

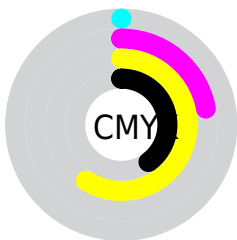
Blue (25%)



Red (45%)

Yellow (60%)

Blue (25%)

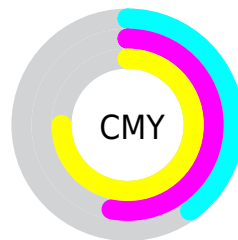


Cyan (0%)

Magenta (22%)

Yellow (59%)

Black (40%)



Cyan (40%)

Magenta (53%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99783F 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 99783F by changing the saturation by 10% instead.





99783F



99783F

FFFFFF



7E5F27



D2AC70



634810



EFC78A



4A3100



FFE3A5



301D00



FFFFC0



180400



FFFDC0



000000



FFFFF9



99783F



99783F



997230



997E4E

■ 996D20

■ 99835E

■ 996711

■ 99896D

■ 996202

■ 998E7C

■ 996100

■ 99948B

■ 999A9B

■ 999FAA

■ 99A5B9

■ 99AAC9

# Harmonies

## Analogous

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



AF6D4E



99783F



7B8241

# Triad

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



99783F



008D92



9A6DA5

# Complementary

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



99783F



3F6099

# 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.



7179B7



99783F



008AAC

# Square

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



99783F



258D72



3383BA



B26588

# Rectangle

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



99783F



64874C



3383BA



8E71AD



# Sweetspot

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



99783F



C7BAA3



993F60



635B4E



E3E3E3



636363



# Same Dimension

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



99783F



C7933A



8D993F



4D4A45



8C5900



0D0800



# Inverse Universe

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



3F6099



3A6DC7



4B3F99



45484D



00338C

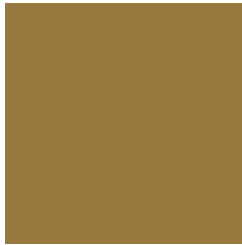


00050D



# Previews

## White Background



This preview shows how the Hex color 99783F looks on a white background.

## Color Contrast Check

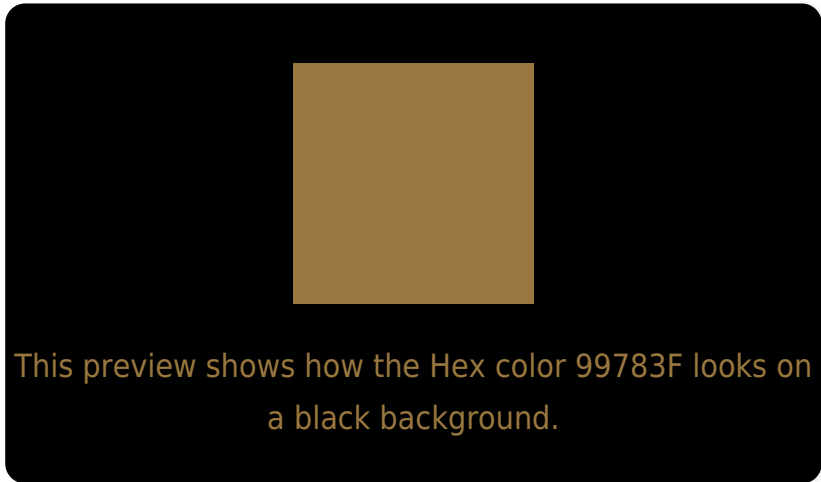
Large Text (above 18pt) WCAG AA ✓ Pass

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 99783F Background



This preview shows how black text looks on a background with the Hex color 99783F.



This preview shows how white text looks on a background with the Hex color 99783F.

# 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**  
99783F

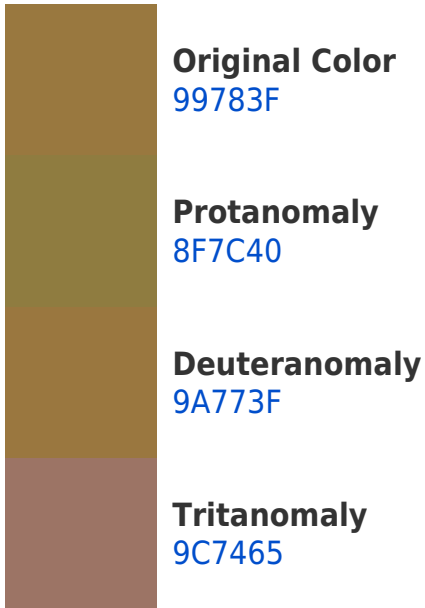
**Protanopia**  
8A7E41

**Deuteranopia**  
9A773F

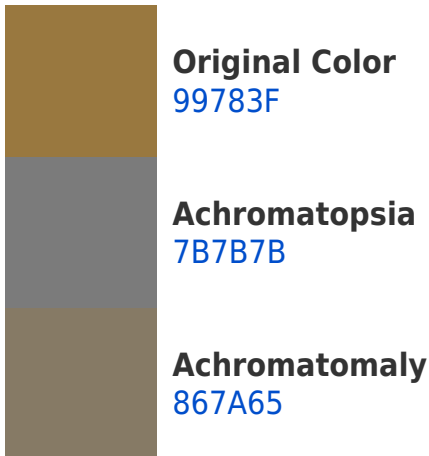


**Tritanopia**  
9E717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99783F 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 #99783F looks like.

```
.text, #text, p{  
    color:#99783F  
}
```

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 #99783F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99783F
}
```

## Border

The CSS property to change the border of an element to Hex 99783F is called "border". The border property can be set on classes, ids or directly on the HTML element.

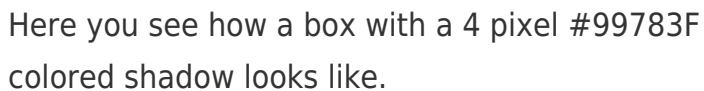
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99783F }
```

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

```
.border{ border-color:#99783F }
```

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

A rectangular box with a 4px #99783F colored shadow. The box is white with a thin border and a shadow that is 4 pixels wide and 4 pixels high, colored #99783F. The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #99783F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99783F; -webkit-box-shadow:4px 4px  
4px 4px #99783F; box-shadow:4px 4px 4px  
4px #99783F }
```

# Background

The CSS property to change the background color of an element to Hex 99783F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99783F }
```

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

```
.background{ background-color:#99783F }
```

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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