

# Converting Colors

Hex(98783E)

Have a look what the booklet for  
Hex(98783E) contains.

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**Color**

**Hex(98783E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98783E
RGB	152, 120, 62
RGB Percent	60%, 47%, 24%
CMY	0.4039, 0.5294, 0.7569
CMYK	0.00, 0.21, 0.59, 0.40
HSL	39°, 42%, 42%
HSV	39°, 59%, 60%
XYZ	20.5349, 20.4561, 7.4236
YIQ	122.9560, 37.6900, -11.2540

# Conversions

## Conversions Part 2

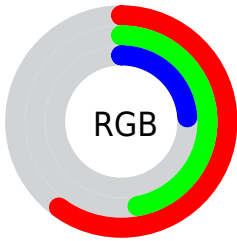
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	112, 152, 62
Decimal	9992254
CIE <sub>Lab</sub>	52.35, 5.41, 36.14
CIE <sub>LCh</sub>	52, 36.542, 81.478
Yxy	20.4561, 0.4241, 0.4225
Android (android.graphics.Color)	4288182334 (0xFF98783E)
YUV	122.9560, -30.0513, 25.4716
Hunter-Lab	45.2285, 1.8937, 21.9284

# Details

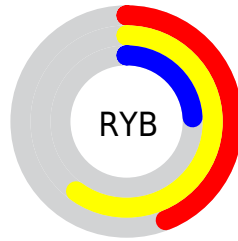
The Hex color **98783E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E5E98**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D0AC6F**, and **62480E** is the 20% darker color. If you saturate the color by 10%, you get **98732F**, and if you desaturate by 10%, it is **987D4D**.

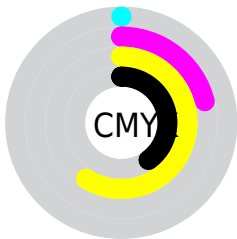
# Distribution



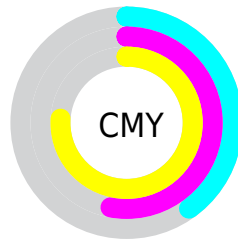
- Red (60%)
- Green (47%)
- Blue (24%)



- Red (44%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (59%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98783E 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 98783E by changing the saturation by 10% instead.





98783E



98783E

FFFFFF



7D5F26



D0AC6F



62480E



EEC789



493100



FFE3A4



2F1D00



FFFFBF



170400



FFFFDB



000000



FFFFF8



98783E



98783E



98732F



987D4D

■ 986D20

■ 98835C

■ 986810

■ 98886C

■ 986201

■ 988E7B

■ 986200

■ 98938A

■ 989899

■ 989EA8

■ 98A3B8

■ 98A9C7

# Harmonies

## Analogous

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



AE6D4D



98783E



7A8241

# Triad

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



98783E



008D93



9B6CA4

# Complementary

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



98783E



3E5E98

# 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.



7278B7



98783E



008AAD

# Square

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



98783E



208D73



3483BA



B36487

# Rectangle

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



98783E



62874C



3483BA



8F70AC



# Sweetspot

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



98783E



C4B8A1



983E5F



635C4E



E3E3E3



636363



# Same Dimension

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



98783E



C49339



8C983E



4D4A45



8C5A00



0D0800



# Inverse Universe

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



3E5E98



396BC4



4A3E98



45484D



00328C



00050D



# Previews

## White Background



This preview shows how the Hex color 98783E looks on a white background.

## Color Contrast Check

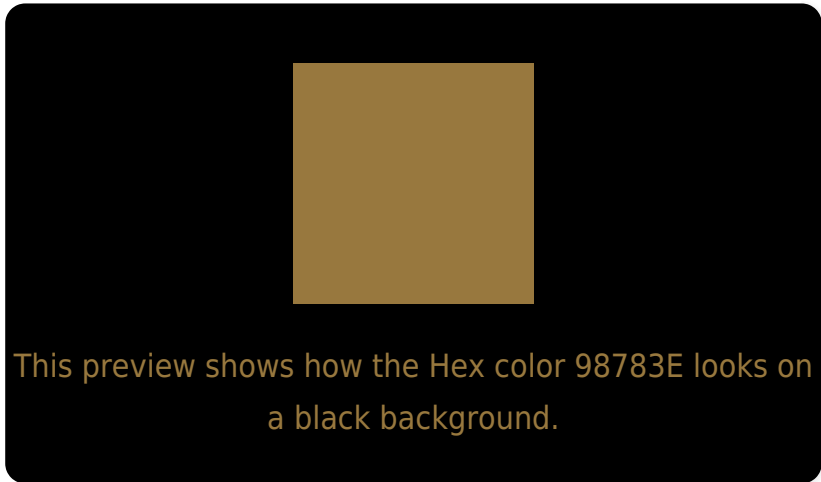
Large Text (above 18pt) WCAG AA ✓ Pass

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

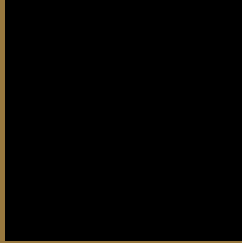
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 98783E Background



This preview shows how black text looks on a background with the Hex color 98783E.



This preview shows how white text looks on a background with the Hex color 98783E.

# 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**  
98783E

**Protanopia**  
8A7D40

**Deuteranopia**  
9A773E

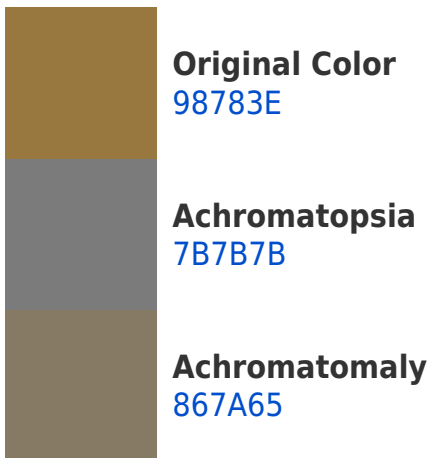


**Tritanopia**  
9D717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98783E 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 #98783E looks like.

```
.text, #text, p{  
    color:#98783E  
}
```

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 #98783E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98783E
}
```

## Border

The CSS property to change the border of an element to Hex 98783E 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
#98783E }
```

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

```
.border{ border-color:#98783E }
```

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

Here you see how a box with a 4 pixel #98783E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98783E; -webkit-box-shadow:4px 4px  
4px 4px #98783E; box-shadow:4px 4px 4px  
4px #98783E }
```

# Background

The CSS property to change the background color of an element to Hex 98783E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98783E }
```

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

```
.background{ background-color:#98783E }
```

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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