

# Converting Colors

Hex(98513E)

Have a look what the booklet for  
Hex(98513E) contains.

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# Color

**Hex(98513E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98513E
RGB	152, 81, 62
RGB Percent	60%, 32%, 24%
CMY	0.4039, 0.6824, 0.7569
CMYK	0.00, 0.47, 0.59, 0.40
HSL	13°, 42%, 42%
HSV	13°, 59%, 60%
XYZ	16.7608, 12.9081, 6.1655
YIQ	100.0630, 48.4150, 9.1430

# Conversions

## Conversions Part 2

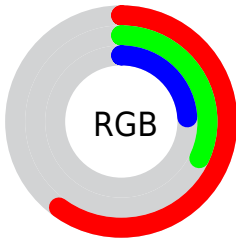
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 86, 62
Decimal	9982270
CIE <sub>Lab</sub>	42.62, 27.69, 24.28
CIE <sub>LCh</sub>	43, 36.828, 41.236
Yxy	12.9081, 0.4677, 0.3602
Android (android.graphics.Color)	4288172350 (0xFF98513E)
YUV	100.0630, -18.7651, 45.5487
Hunter-Lab	35.9278, 20.3992, 14.9747

# Details

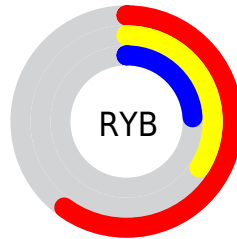
The Hex color **98513E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3E8598**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D2846E**, and **612213** is the 20% darker color. If you saturate the color by 10%, you get **98452F**, and if you desaturate by 10%, it is **985D4D**.

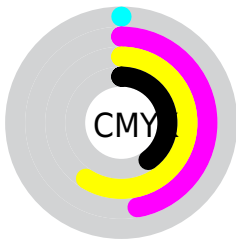
# Distribution



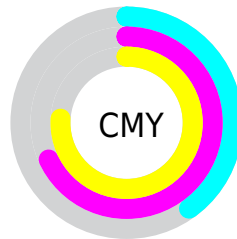
- Red (60%)
- Green (32%)
- Blue (24%)



- Red (60%)
- Yellow (34%)
- Blue (24%)



- Cyan (0%)
- Magenta (47%)
- Yellow (59%)
- Black (40%)



- Cyan (40%)
- Magenta (68%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98513E 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 98513E by changing the saturation by 10% instead.



 98513E

 98513E

FFFFFF

 7C3928

 D2846E

 612213

 EF9E87

 460900

 FFB9A2

 2D0000

 FFD5BD

 000000

 FFF2D9

 FFFFF5

 98513E

 98513E

 98452F

 985D4D

 983920

 98695C

 982D10

 98756C

 982101

 98817B

 982000

 988D8A

 989999

 98A5A8

 98B1B8

 98BDC7

# Harmonies

## Analogous

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



9D4A5A



98513E



865C2A

# Triad

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



98513E



167350



4564A0

# Complementary

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



98513E



3E8598

# 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.



006D9E



98513E



00746F

# Square

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



98513E



4A6E35



00728C



765893

# Rectangle

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



98513E



756325



00728C



2C67A1



# Sweetspot

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



98513E



C4A8A1



983E86



63524E



E3E3E3



636363



# Same Dimension

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



98513E



C45639



987D3E



4D4645



8C1E00



0D0300



# Inverse Universe

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



3E8598



39A7C4



3E5998



454B4D



006F8C



000A0D



# Previews

## White Background



This preview shows how the Hex color 98513E looks on a white background.

## Color Contrast Check

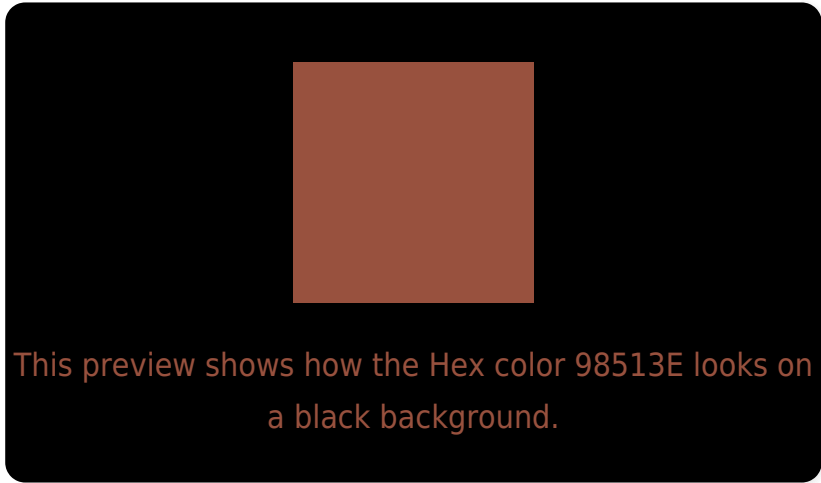
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 98513E Background



This preview shows how black text looks on a background with the Hex color 98513E.



This preview shows how white text looks on a background with the Hex color 98513E.

# 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**  
98513E

**Protanopia**  
6D6546

**Deuteranopia**  
7B613B



**Tritanopia**  
994E54

# Trichromacy



**Original Color**  
98513E

**Protanomaly**  
7D5E43

**Deuteranomaly**  
865B3C

**Tritanomaly**  
994F4C

# Monochromacy



**Original Color**  
98513E

**Achromatopsia**  
646464

**Achromatomaly**  
775D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98513E 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 #98513E looks like.

```
.text, #text, p{  
    color:#98513E  
}
```

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 #98513E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98513E
}
```

## Border

The CSS property to change the border of an element to Hex 98513E is called "border". The border property can be set on classes, ids or directly on the HTML element.

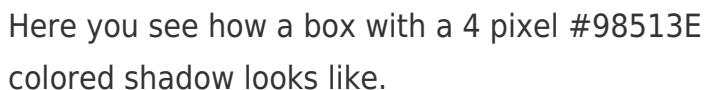
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98513E }
```

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

```
.border{ border-color:#98513E }
```

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



Here you see how a box with a 4 pixel #98513E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98513E; -webkit-box-shadow:4px 4px  
4px 4px #98513E; box-shadow:4px 4px 4px  
4px #98513E }
```

# Background

The CSS property to change the background color of an element to Hex 98513E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98513E }
```

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

```
.background{ background-color:#98513E }
```

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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