

# Converting Colors

Hex(98753D)

Have a look what the booklet for  
Hex(98753D) contains.

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**Color**

**Hex(98753D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 98753D                     |
| RGB           | 152, 117, 61               |
| RGB Percent   | 60%, 46%, 24%              |
| CMY           | 0.4039, 0.5412, 0.7608     |
| CMYK          | 0.00, 0.23, 0.60, 0.40     |
| HSL           | 37°, 43%, 42%              |
| HSV           | 37°, 60%, 60%              |
| XYZ           | 20.1525, 19.7349, 7.1619   |
| YIQ           | 121.0810, 38.8360, -9.9960 |

# Conversions

## Conversions Part 2

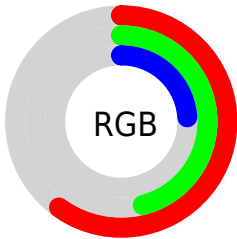
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 118, 152, 61                   |
| Decimal                             | 9991485                        |
| CIE Lab                             | 51.54, 7.04, 35.71             |
| CIE LCh                             | 52, 36.396, 78.839             |
| Yxy                                 | 19.7349, 0.4283,<br>0.4195     |
| Android<br>(android.graphics.Color) | 4288181565<br>(0xFF98753D)     |
| YUV                                 | 121.0810, -29.6199,<br>27.1160 |
| Hunter-Lab                          | 44.4240, 3.2327,<br>21.5382    |

# Details

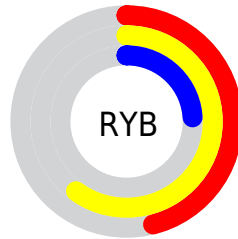
The Hex color **98753D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D6098**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D1A96E**, and **62450E** is the 20% darker color. If you saturate the color by 10%, you get **986F2E**, and if you desaturate by 10%, it is **987B4C**.

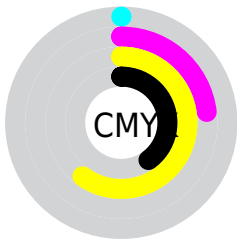
# Distribution



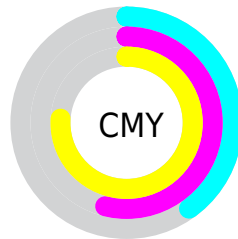
- Red (60%)
- Green (46%)
- Blue (24%)



- Red (46%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98753D 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 98753D by changing the saturation by 10% instead.



 98753D

 98753D

FFFFFF

 7D5C26

 D1A96E

 62450E

 EEC488

 492F00

 FFE0A3

 2F1A00

 FFFDBE

 160000

 FFFFDA

 000000

 FFFFF7

 98753D

 98753D

 986F2E

 987B4C

 98691F

 98815B

 98630F

 98876B

 985E00

 988C7A

 989289

 989898

 989EA7

 98A4B7

 98AAC6

# Harmonies

## Analogous

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



AD6A4D



98753D



7B7F3E

# Triad

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



98753D



008B8E



966BA4

# Complementary

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



98753D



3D6098

# 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.



6B77B6



98753D



0088A9

# Square

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



98753D



258A6E



2981B7



AF6388

# Rectangle

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



98753D



638449



2981B7



8A6FAB



# Sweetspot

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



98753D



C4B7A1



983D61



635B4E



E3E3E3



636363



# Same Dimension

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



98753D



C48E37



8F983D



4D4A45



8C5600



0D0800



# Inverse Universe

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



3D6098



376DC4



463D98



45484D



00368C



00050D



# Previews

## White Background



This preview shows how the Hex color 98753D looks on a white background.

## Color Contrast Check

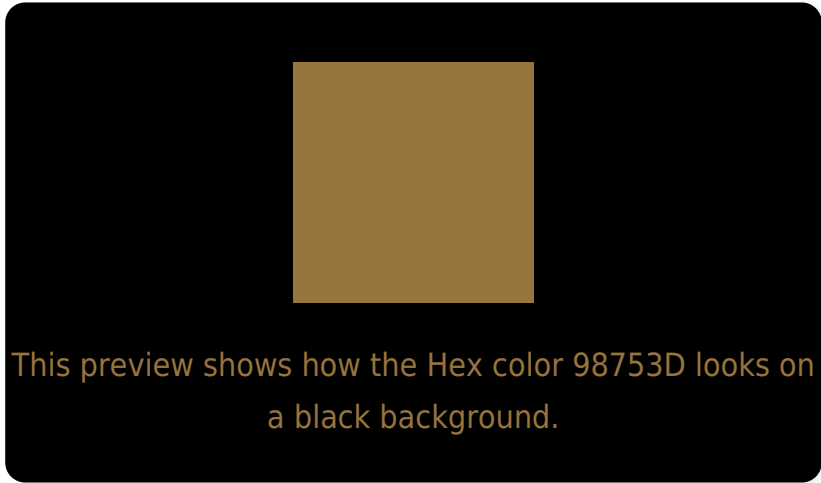
Large Text (above 18pt) WCAG AA ✓ Pass

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

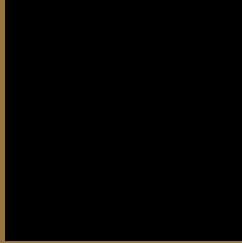
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 98753D Background



This preview shows how black text looks on a background with the Hex color 98753D.



This preview shows how white text looks on a background with the Hex color 98753D.

# 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**  
98753D

**Protanopia**  
887B3F

**Deuteranopia**  
98753D

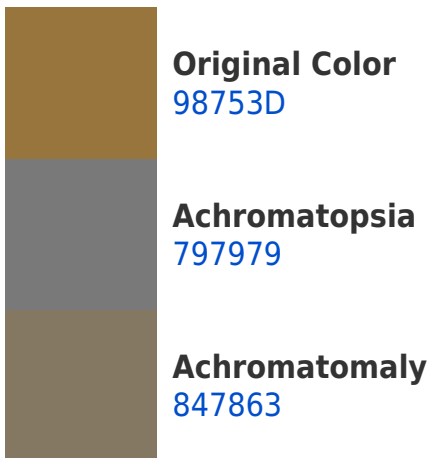


**Tritanopia**  
9D6E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98753D 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 #98753D looks like.

```
.text, #text, p{  
    color:#98753D  
}
```

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 #98753D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98753D
}
```

## Border

The CSS property to change the border of an element to Hex 98753D 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
#98753D }
```

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

```
.border{ border-color:#98753D }
```

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

Here you see how a box with a 4 pixel #98753D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98753D; -webkit-box-shadow:4px 4px  
4px 4px #98753D; box-shadow:4px 4px 4px  
4px #98753D }
```

# Background

The CSS property to change the background color of an element to Hex 98753D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98753D }
```

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

```
.background{ background-color:#98753D }
```

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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