

Converting Colors

Hex(98744D)

Have a look what the booklet for
Hex(98744D) contains.

Hex(98744D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(98744D)

Conversions

Conversions Part 1

Format	Color
Hex	98744D
RGB	152, 116, 77
RGB Percent	60%, 45%, 30%
CMY	0.4039, 0.5451, 0.6980
CMYK	0.00, 0.24, 0.49, 0.40
HSL	31°, 33%, 45%
HSV	31°, 49%, 60%
XYZ	20.5338, 19.7020, 9.7418
YIQ	122.3180, 33.9750, -4.4970

Conversions

Conversions Part 2

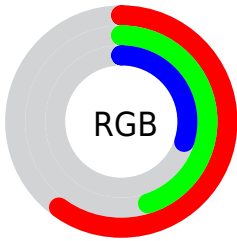
Format	Color
R_{YB}	146, 152, 77
Decimal	9991245
CIE _{Lab}	51.50, 9.08, 26.92
CIE _{LCh}	51, 28.413, 71.372
Yxy	19.7020, 0.4109, 0.3942
Android (android.graphics.Color)	4288181325 (0xFF98744D)
YUV	122.3180, -22.3418, 26.0311
Hunter-Lab	44.3869, 4.8987, 18.0582

Details

The Hex color **98744D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4D7198**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D0A87F**, and **63441F** is the 20% darker color. If you saturate the color by 10%, you get **986D3E**, and if you desaturate by 10%, it is **987B5C**.

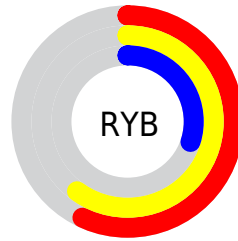
Distribution



Red (60%)

Green (45%)

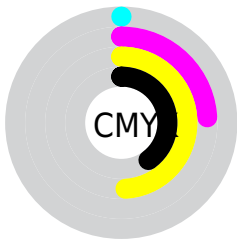
Blue (30%)



Red (57%)

Yellow (60%)

Blue (30%)

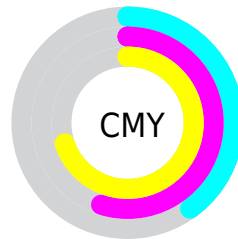


Cyan (0%)

Magenta (24%)

Yellow (49%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98744D 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 98744D by changing the saturation by 10% instead.

 98744D

 98744D

FFFFFF

 7D5B36


 D0A87F

 63441F

 EDC399

 492E09

 FFDFB4

 311900

 FFFCCF

 190000

 FFFFEC

 000000

 98744D

 98744D

 986D3E

 987B5C

 98652F

 98836B

■ 985E1F

■ 988A7B

■ 985710

■ 98918A

■ 985001

■ 989899

■ 984F00

■ 98A0A8

■ 98A7B7

■ 98AEC7

■ 98B6D6

Harmonies

Analogous

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



A76C5C



98744D



827C4B

Triad

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



98744D



2A8883



89719F

Complementary

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



98744D



4D7198

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.



677AAA



98744D



1D869A

Square

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



98744D



49876A



3F81A8



A16A8B

Rectangle

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



98744D



708150



3F81A8



7F74A4

Sweetspot

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



98744D



C4B6A7



984D71



635B52



E3E3E3



636363

Same Dimension

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



98744D



C48D51



97984D



4D4945



8C4900



0D0700

Inverse Universe

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



4D7198



5188C4



4E4D98



45494D



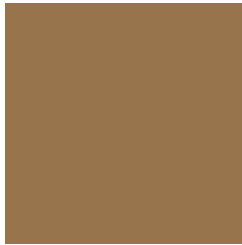
00438C



00060D

Previews

White Background



This preview shows how the Hex color 98744D 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 98744D Background



This preview shows how black text looks on a background with the Hex color 98744D.



This preview shows how white text looks on a background with the Hex color 98744D.

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
98744D

Protanopia
867B50

Deuteranopia
95754D



Tritanopia
9C6F77

Trichromacy



Original Color
98744D

Protanomaly
8D784F

Deuteranomaly
96754D

Tritanomaly
9B7168

Monochromacy



Original Color
98744D

Achromatopsia
7A7A7A

Achromatomaly
85786A

CSS Examples

Text

The CSS property to change the color of the text to Hex 98744D 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 #98744D looks like.

```
.text, #text, p{  
    color:#98744D  
}
```

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 #98744D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98744D
}
```

Border

The CSS property to change the border of an element to Hex 98744D 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
#98744D }
```

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

```
.border{ border-color:#98744D }
```

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

Here you see how a box with a 4 pixel #98744D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98744D; -webkit-box-shadow:4px 4px  
4px 4px #98744D; box-shadow:4px 4px 4px  
4px #98744D }
```

Background

The CSS property to change the background color of an element to Hex 98744D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98744D }
```

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

```
.background{ background-color:#98744D }
```

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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