

# Converting Colors

Hex(98844C)

Have a look what the booklet for  
Hex(98844C) contains.

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**Color**

**Hex(98844C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98844C
RGB	152, 132, 76
RGB Percent	60%, 52%, 30%
CMY	0.4039, 0.4824, 0.7020
CMYK	0.00, 0.13, 0.50, 0.40
HSL	44°, 33%, 45%
HSV	44°, 50%, 60%
XYZ	22.5047, 23.6997, 10.2259
YIQ	131.5960, 29.8960, -13.1760

# Conversions

## Conversions Part 2

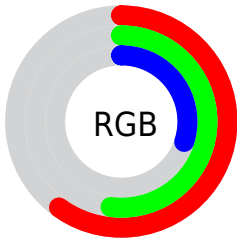
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 152, 76
Decimal	9995340
CIELab	55.79, -0.10, 32.86
CIELCh	56, 32.859, 90.169
Yxy	23.6997, 0.3988, 0.4200
Android (android.graphics.Color)	4288185420 (0xFF98844C)
YUV	131.5960, -27.4088, 17.8943
Hunter-Lab	48.6824, -2.6780, 21.6236

# Details

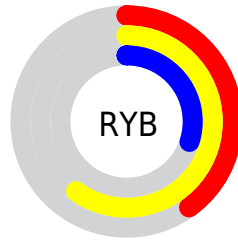
The Hex color **98844C** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4C6098**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D0B97E**, and **63531D** is the 20% darker color. If you saturate the color by 10%, you get **98803D**, and if you desaturate by 10%, it is **98885B**.

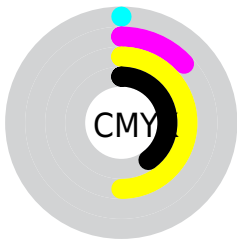
# Distribution



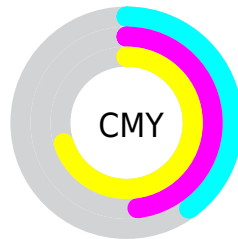
- Red (60%)
- Green (52%)
- Blue (30%)



- Red (40%)
- Yellow (60%)
- Blue (30%)



- Cyan (0%)
- Magenta (13%)
- Yellow (50%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98844C 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 98844C by changing the saturation by 10% instead.



 98844C

 98844C

FFFFFF

 7D6B34

 D0B97E

 63531D

 EDD598

 4A3C05

 FFF1B3

 322600

 FFFFCE

 191200

 FFFFEB

 000000

 98844C

 98844C

 98803D

 98885B

 987C2E

 988C6A

■ 98781E

■ 98907A

■ 98740F

■ 989489

■ 987000

■ 989898

■ 989CA7

■ 98A0B6

■ 98A4C6

■ 98A8D5

# Harmonies

## Analogous

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



AF7A55



98844C



7A8D53

# Triad

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



98844C



0094A1



AA74A2

# Complementary

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



98844C



4C6098

# 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.



897EB7



98844C



2290B6

# Square

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



98844C



2F9585



5B88BE



BB6F87

# Rectangle

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



98844C



649160



5B88BE



A077AA



# Sweetspot

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



98844C



C4BDA7



984C60



635F52



E3E3E3



636363



# Same Dimension

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



98844C



C4A54F



86984C



4D4A45



8C6700



0D0900



# Inverse Universe

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



4C6098



4F6EC4



5E4C98



45474D



00258C



00030D



# Previews

## White Background



This preview shows how the Hex color 98844C looks on a white background.

## Color Contrast Check

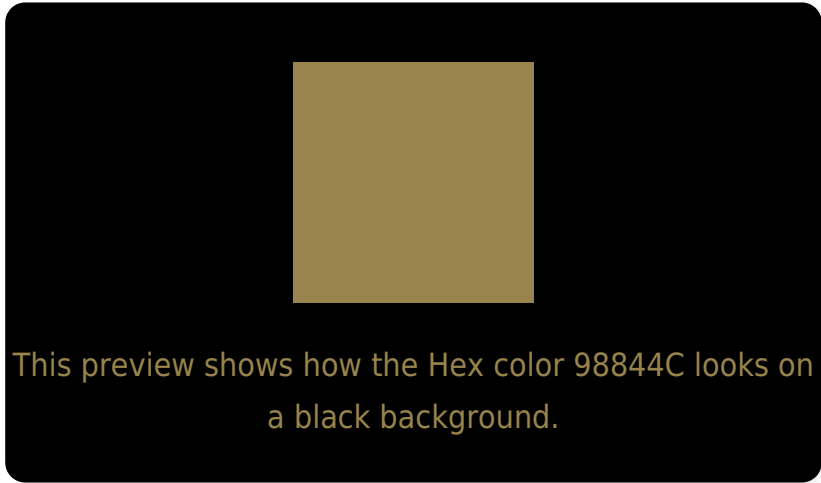
Large Text (above 18pt) WCAG AA ✓ Pass

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

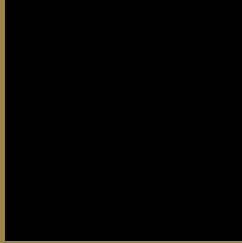
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 98844C Background



This preview shows how black text looks on a background with the Hex color 98844C.



This preview shows how white text looks on a background with the Hex color 98844C.

# 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**  
98844C

**Protanopia**  
93864D

**Deuteranopia**  
A3804D



**Tritanopia**  
9E7D87

# Trichromacy



**Original Color**  
98844C

**Protanomaly**  
95854D

**Deuteranomaly**  
9F814D

**Tritanomaly**  
9C8072

# Monochromacy



**Original Color**  
98844C

**Achromatopsia**  
848484

**Achromatomaly**  
8B8470

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98844C 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 #98844C looks like.

```
.text, #text, p{  
    color:#98844C  
}
```

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 #98844C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98844C
}
```

## Border

The CSS property to change the border of an element to Hex 98844C is called "border". The border property can be set on classes, ids or directly on the HTML element.

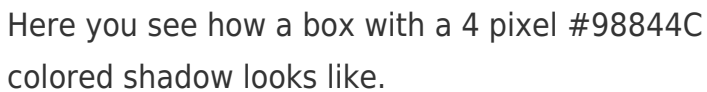
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98844C }
```

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

```
.border{ border-color:#98844C }
```

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



Here you see how a box with a 4 pixel #98844C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98844C; -webkit-box-shadow:4px 4px  
4px 4px #98844C; box-shadow:4px 4px 4px  
4px #98844C }
```

# Background

The CSS property to change the background color of an element to Hex 98844C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98844C }
```

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

```
.background{ background-color:#98844C }
```

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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