

# Converting Colors

Hex(97856F)

Have a look what the booklet for  
Hex(97856F) contains.

<b>Hex(97856F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(97856F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97856F
RGB	151, 133, 111
RGB Percent	59%, 52%, 44%
CMY	0.4078, 0.4784, 0.5647
CMYK	0.00, 0.12, 0.26, 0.41
HSL	33°, 16%, 51%
HSV	33°, 26%, 59%
XYZ	24.0193, 24.5021, 18.5023
YIQ	135.8740, 17.7900, -3.0260

# Conversions

## Conversions Part 2

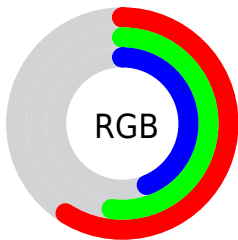
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 151, 111
Decimal	9930095
CIE <sub>Lab</sub>	56.59, 3.24, 14.37
CIE <sub>LCh</sub>	57, 14.733, 77.300
Yxy	24.5021, 0.3584, 0.3656
Android (android.graphics.Color)	4288120175 (0xFF97856F)
YUV	135.8740, -12.2629, 13.2655
Hunter-Lab	49.4996, -0.0085, 12.4878

# Details

The Hex color **97856F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **6F8197**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **CEBAA3**, and **63543F** is the 20% darker color. If you saturate the color by 10%, you get **977E60**, and if you desaturate by 10%, it is **978C7E**.

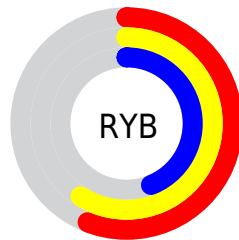
# Distribution



Red (59%)

Green (52%)

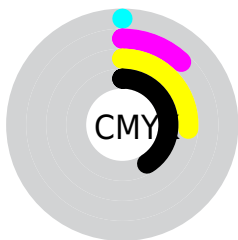
Blue (44%)



Red (56%)

Yellow (59%)

Blue (44%)

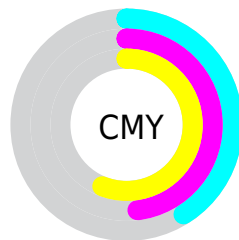


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97856F 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 97856F by changing the saturation by 10% instead.





97856F



97856F

FFFFFF



7D6C57



CEBAA3



63543F



EAD6BE



4B3D29



FFF2DA



342715



FFFFF6



1F1200



000000



97856F



97856F



977E60



978C7E



977751



97938D

 977142

 97999C

 976A33

 97A0AB

 976323

 97A7BB

 975C14

 97AECA

 975505

 97B5D9

 975300

 97BBE8

 97C2F7

# Harmonies

## Analogous

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



A08175



97856F



8A896F

# Triad

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



97856F



668F8F



938299

# Complementary

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



97856F



6F8197

# 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.



8386A0



97856F



688E9A

# Square

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



97856F



6E8F82



738BA0



9E7F8E

# Rectangle

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



97856F



808C73



738BA0



8E839C



# Sweetspot

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



97856F



C4BDB5



976F81



635F5A



E3E3E3



636363



# Same Dimension

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



97856F



C4A886



95976F



4D4945



8C4D00



0D0700



# Inverse Universe

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



6F8197



86A2C4



716F97



45484D



003F8C



00060D



# Previews

## White Background



This preview shows how the Hex color 97856F looks on a white background.

## Color Contrast Check

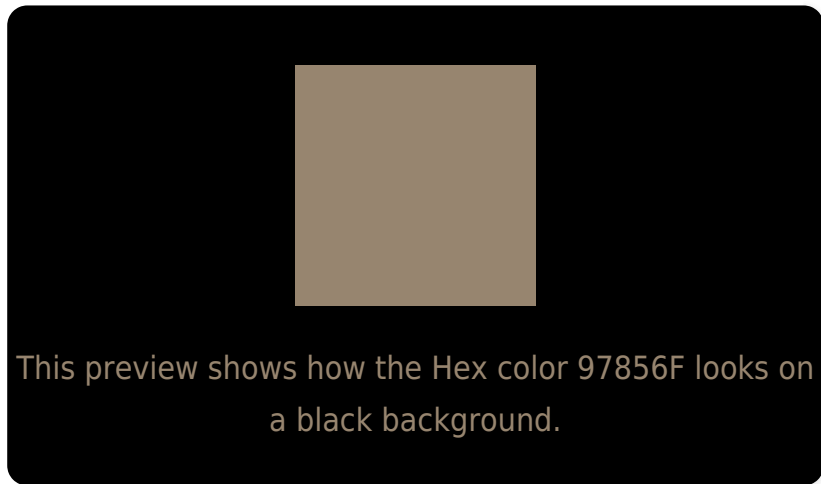
Large Text (above 18pt) WCAG AA ✓ Pass

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

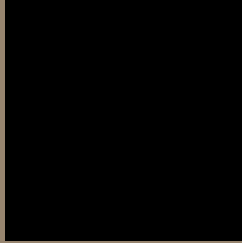
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 97856F Background



This preview shows how black text looks on a background with the Hex color 97856F.



This preview shows how white text looks on a background with the Hex color 97856F.

# 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**  
97856F

**Protanopia**  
908870

**Deuteranopia**  
9D836F



**Tritanopia**  
9A818B

# Trichromacy



**Original Color**  
97856F

**Protanomaly**  
938770

**Deuteranomaly**  
9B846F

**Tritanomaly**  
998281

# Monochromacy



**Original Color**  
97856F

**Achromatopsia**  
888888

**Achromatomaly**  
8D877F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97856F 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 #97856F looks like.

```
.text, #text, p{  
    color:#97856F  
}
```

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 #97856F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97856F
}
```

## Border

The CSS property to change the border of an element to Hex 97856F is called "border". The border property can be set on classes, ids or directly on the HTML element.

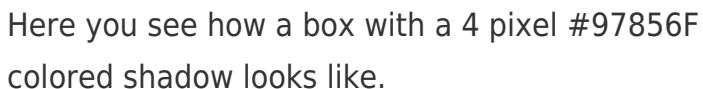
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97856F }
```

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

```
.border{ border-color:#97856F }
```

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



Here you see how a box with a 4 pixel #97856F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97856F; -webkit-box-shadow:4px 4px  
4px 4px #97856F; box-shadow:4px 4px 4px  
4px #97856F }
```

# Background

The CSS property to change the background color of an element to Hex 97856F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97856F }
```

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

```
.background{ background-color:#97856F }
```

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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