

# Converting Colors

Hex(896E4E)

Have a look what the booklet for  
Hex(896E4E) contains.

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**Color**

**Hex(896E4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896E4E
RGB	137, 110, 78
RGB Percent	54%, 43%, 31%
CMY	0.4627, 0.5686, 0.6941
CMYK	0.00, 0.20, 0.43, 0.46
HSL	33°, 27%, 42%
HSV	33°, 43%, 54%
XYZ	17.2676, 17.0203, 9.5829
YIQ	114.4250, 26.3640, -4.2280

# Conversions

## Conversions Part 2

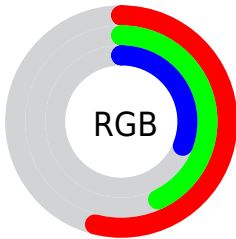
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 137, 78
Decimal	9006670
CIE <sub>Lab</sub>	48.29, 6.09, 21.87
CIE <sub>LCh</sub>	48, 22.706, 74.441
Yxy	17.0203, 0.3936, 0.3880
Android (android.graphics.Color)	4287196750 (0xFF896E4E)
YUV	114.4250, -17.9575, 19.7983
Hunter-Lab	41.2556, 2.5140, 15.1071

# Details

The Hex color **896E4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4E6989**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **C0A27F**, and **553F21** is the 20% darker color. If you saturate the color by 10%, you get **896840**, and if you desaturate by 10%, it is **89745C**.

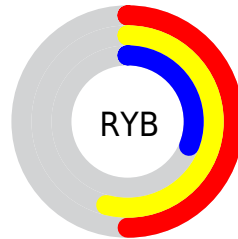
# Distribution



Red (54%)

Green (43%)

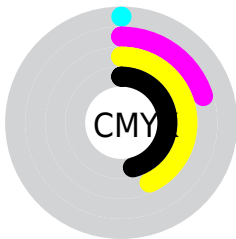
Blue (31%)



Red (50%)

Yellow (54%)

Blue (31%)

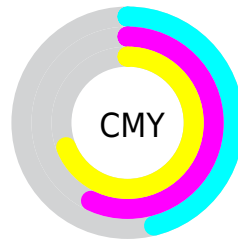


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (46%)



Cyan (46%)

Magenta (57%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896E4E 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 896E4E by changing the saturation by 10% instead.



 896E4E

 896E4E

FFFFFF

 6F5637

 C0A27F

 553F21

 DCBD99

 3D290B

 F9D8B4

 261400

 FFF5D0

 000000

 FFFFEC

 896E4E

 896E4E

 896840

 89745C

 896133

 897B69

■ 895B25

■ 898177

■ 895517

■ 898785

■ 894F0A

■ 898D93

■ 894A00

■ 8994A0

■ 899AAE

■ 89A0BC

■ 89A6C9

# Harmonies

## Analogous

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



956859



896E4E



77744D

# Triad

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



896E4E



387D7B



816A8E

# Complementary

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



896E4E



4E6989

# 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.



677198



896E4E



377C8D

# Square

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



896E4E



4B7C68



4B7797



92657D

# Rectangle

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



896E4E



697853



4B7797



796D92



# Sweetspot

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



896E4E



B3A89B



894E6A



59534B



D9D9D9



595959



# Same Dimension

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



896E4E



B38856



87894E



45423E



854800



050300



# Inverse Universe

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



4E6989



5680B3



504E89



3E4145



003D85



000205



# Previews

## White Background



This preview shows how the Hex color 896E4E looks on a white background.

## Color Contrast Check

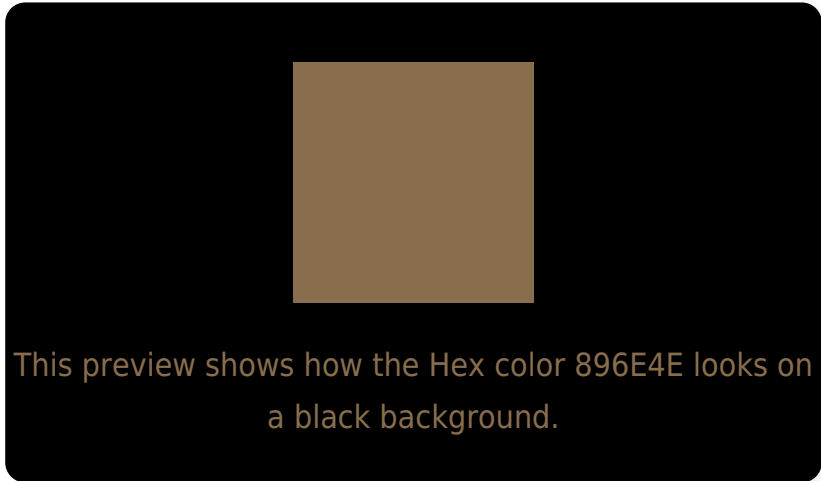
Large Text (above 18pt) WCAG AA ✓ Pass

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

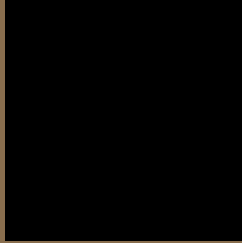
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 896E4E Background



This preview shows how black text looks on a background with the Hex color 896E4E.



This preview shows how white text looks on a background with the Hex color 896E4E.

# 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**  
896E4E

**Protanopia**  
7C7350

**Deuteranopia**  
896E4E



**Tritanopia**  
8C6972

# Trichromacy



**Original Color**  
896E4E

**Protanomaly**  
81714F

**Deuteranomaly**  
896E4E

**Tritanomaly**  
8B6B65

# Monochromacy



**Original Color**  
896E4E

**Achromatopsia**  
727272

**Achromatomaly**  
7A7165

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896E4E 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 #896E4E looks like.

```
.text, #text, p{  
    color:#896E4E  
}
```

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 #896E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896E4E
}
```

## Border

The CSS property to change the border of an element to Hex 896E4E 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
#896E4E }
```

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

```
.border{ border-color:#896E4E }
```

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

Here you see how a box with a 4 pixel #896E4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896E4E; -webkit-box-shadow:4px 4px  
4px 4px #896E4E; box-shadow:4px 4px 4px  
4px #896E4E }
```

# Background

The CSS property to change the background color of an element to Hex 896E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896E4E }
```

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

```
.background{ background-color:#896E4E }
```

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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