

# Converting Colors

Hex(896F65)

Have a look what the booklet for  
Hex(896F65) contains.

<b>Hex(896F65)</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(896F65)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	896F65
RGB	137, 111, 101
RGB Percent	54%, 44%, 40%
CMY	0.4627, 0.5647, 0.6039
CMYK	0.00, 0.19, 0.26, 0.46
HSL	17°, 15%, 47%
HSV	17°, 26%, 54%
XYZ	18.3499, 17.6268, 14.7471
YIQ	117.6340, 18.7060, 2.4020

# Conversions

## Conversions Part 2

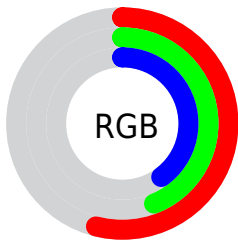
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 115, 101
Decimal	9006949
CIE <sub>Lab</sub>	49.04, 8.63, 9.43
CIE <sub>LCh</sub>	49, 12.785, 47.518
Yxy	17.6268, 0.3618, 0.3475
Android (android.graphics.Color)	4287197029 (0xFF896F65)
YUV	117.6340, -8.2006, 16.9840
Hunter-Lab	41.9843, 4.5438, 8.5633

# Details

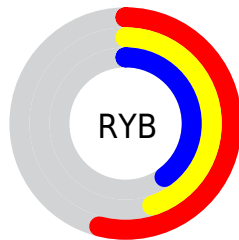
The Hex color **896F65** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **657F89**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BFA398**, and **563F36** is the 20% darker color. If you saturate the color by 10%, you get **896557**, and if you desaturate by 10%, it is **897973**.

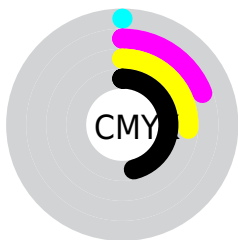
# Distribution



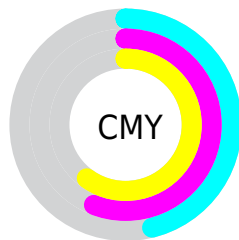
- Red (54%)
- Green (44%)
- Blue (40%)



- Red (54%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (46%)



- Cyan (46%)
- Magenta (56%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 896F65 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 896F65 by changing the saturation by 10% instead.



896F65

896F65

FFFFFF

6F574D

BFA398

563F36

DBBEB3

3F2921

F8DACE

28150A

FFF6EA

0C0000

000000

896F65

896F65

896557

897973

895B4A

898380

89513C

898D8E

89472E

89979C

893E21

89A0A9

893413

89AAB7

892A05

89B4C5

892600

89BED3

89C8E0

# Harmonies

## Analogous

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



8B6D6E



896F65



817260

# Triad

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



896F65



5F7B6F



717389

# Complementary

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



896F65



657F89

# 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.



637789



896F65



587B7B

# Square

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



896F65



6A7966



5A7A84



7E7083

# Rectangle

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



896F65



7A755F



5A7A84



6C758A



# Sweetspot

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



896F65



B3A8A4



89657F



595350



D9D9D9



595959



# Same Dimension

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



896F65



B38979



898165



45403E



852500



050100



# Inverse Universe

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



657F89



79A3B3



656D89



3E4345



006085



000405



# Previews

## White Background



This preview shows how the Hex color 896F65 looks on a white background.

## Color Contrast Check

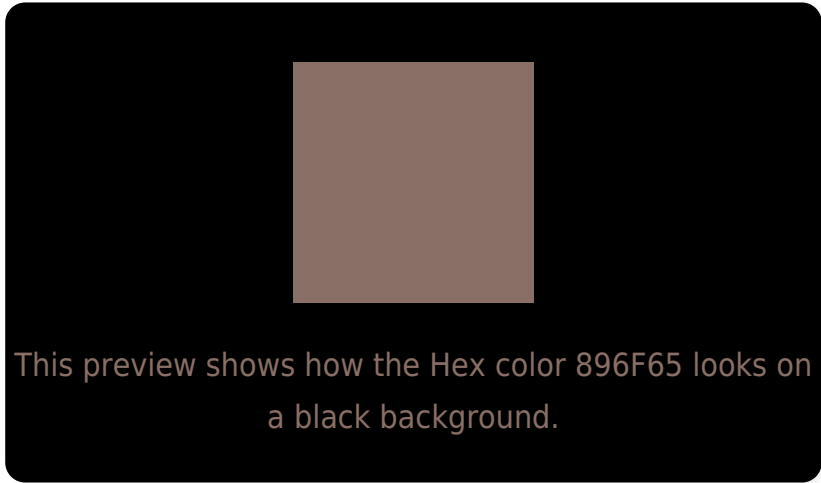
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

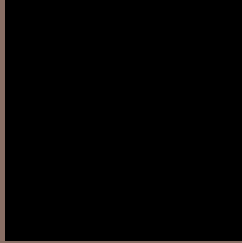
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 896F65 Background



This preview shows how black text looks on a background with the Hex color 896F65.

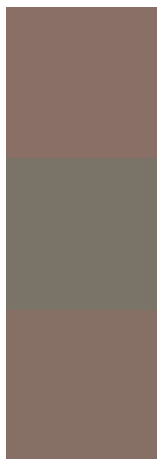


This preview shows how white text looks on a background with the Hex color 896F65.

# 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**  
896F65

**Protanopia**  
7A7468

**Deuteranopia**  
867065



**Tritanopia**  
8B6D75

# Trichromacy



**Original Color**  
896F65

**Protanomaly**  
7F7267

**Deuteranomaly**  
877065

**Tritanomaly**  
8A6E6F

# Monochromacy



**Original Color**  
896F65

**Achromatopsia**  
767676

**Achromatomaly**  
7D7370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 896F65 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 #896F65 looks like.

```
.text, #text, p{  
    color:#896F65  
}
```

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 #896F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #896F65
}
```

## Border

The CSS property to change the border of an element to Hex 896F65 is called "border". The border property can be set on classes, ids or directly on the HTML element.

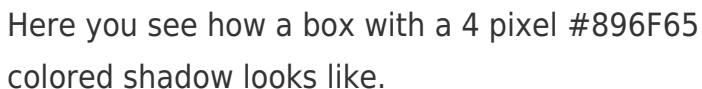
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#896F65 }
```

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

```
.border{ border-color:#896F65 }
```

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



Here you see how a box with a 4 pixel #896F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #896F65; -webkit-box-shadow:4px 4px  
4px 4px #896F65; box-shadow:4px 4px 4px  
4px #896F65 }
```

# Background

The CSS property to change the background color of an element to Hex 896F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#896F65 }
```

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

```
.background{ background-color:#896F65 }
```

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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