

# Converting Colors

Hex(876F57)

Have a look what the booklet for  
Hex(876F57) contains.

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**Color**

**Hex(876F57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876F57
RGB	135, 111, 87
RGB Percent	53%, 44%, 34%
CMY	0.4706, 0.5647, 0.6588
CMYK	0.00, 0.18, 0.36, 0.47
HSL	30°, 22%, 44%
HSV	30°, 36%, 53%
XYZ	17.3964, 17.2079, 11.4214
YIQ	115.4400, 22.0080, -2.3760

# Conversions

## Conversions Part 2

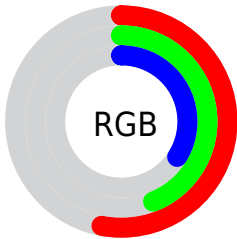
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 135, 87
Decimal	8875863
CIE Lab	48.52, 5.78, 16.92
CIE LCh	49, 17.880, 71.144
Yxy	17.2079, 0.3780, 0.3739
Android (android.graphics.Color)	4287065943 (0xFF876F57)
YUV	115.4400, -14.0209, 17.1541
Hunter-Lab	41.4824, 2.2631, 12.7133

# Details

The Hex color **876F57** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **576F87**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **BDA389**, and **543F29** is the 20% darker color. If you saturate the color by 10%, you get **87684A**, and if you desaturate by 10%, it is **877665**.

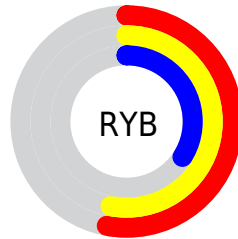
# Distribution



Red (53%)

Green (44%)

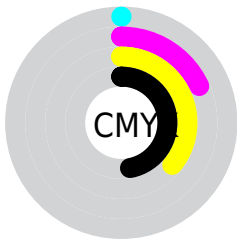
Blue (34%)



Red (53%)

Yellow (53%)

Blue (34%)

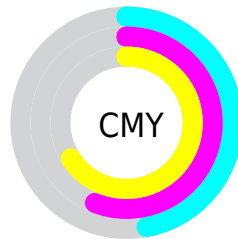


Cyan (0%)

Magenta (18%)

Yellow (36%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876F57 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 876F57 by changing the saturation by 10% instead.





876F57



876F57

FFFFFF



6D5740



BDA389



543F29



D9BEA3



3C2A15



F6D9BE



261500



FFF6DA



000000



FFFFFF7



876F57



876F57



87684A



877665



87623C



877D72

■ 875B2F

■ 878380

■ 875421

■ 878A8D

■ 874D13

■ 87919B

■ 874606

■ 8798A8

■ 874400

■ 879EB6

■ 87A5C3

■ 87ACD1

# Harmonies

## Analogous

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



906B60



876F57



797456

# Triad

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



876F57



4A7C78



7D6D8A

# Complementary

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



876F57



576F87

# 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.



697391



876F57



497B87

# Square

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



876F57



577B69



55778F



8B697D

# Rectangle

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



876F57



6E7759



55778F



766F8D



# Sweetspot

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



876F57



B0A69D



87576F



59534E



D9D9D9



595959



# Same Dimension

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



876F57



B08A64



878757



423F3C



824100



030100



# Inverse Universe

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



576F87



648AB0



575787



3C3F42



004182

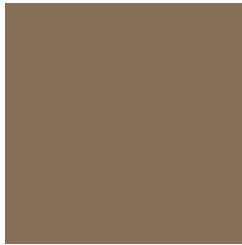


000103



# Previews

## White Background



This preview shows how the Hex color 876F57 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

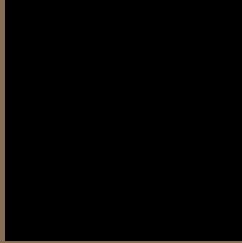
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876F57 Background



This preview shows how black text looks on a background with the Hex color 876F57.



This preview shows how white text looks on a background with the Hex color 876F57.

# 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**  
876F57

**Protanopia**  
7B7359

**Deuteranopia**  
886F57



**Tritanopia**  
8A6B73

# Trichromacy



**Original Color**  
876F57

**Protanomaly**  
7F7258

**Deuteranomaly**  
886F57

**Tritanomaly**  
896C69

# Monochromacy



**Original Color**  
876F57

**Achromatopsia**  
737373

**Achromatomaly**  
7A7269

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876F57 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 #876F57 looks like.

```
.text, #text, p{  
    color:#876F57  
}
```

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 #876F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876F57
}
```

## Border

The CSS property to change the border of an element to Hex 876F57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

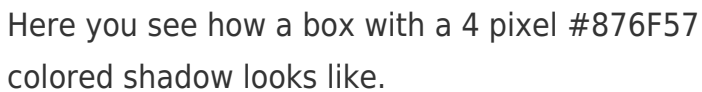
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876F57 }
```

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

```
.border{ border-color:#876F57 }
```

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



Here you see how a box with a 4 pixel #876F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876F57; -webkit-box-shadow:4px 4px  
4px 4px #876F57; box-shadow:4px 4px 4px  
4px #876F57 }
```

# Background

The CSS property to change the background color of an element to Hex 876F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876F57 }
```

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

```
.background{ background-color:#876F57 }
```

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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