

# Converting Colors

Hex(876B59)

Have a look what the booklet for  
Hex(876B59) contains.

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**Color**

**Hex(876B59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	876B59
RGB	135, 107, 89
RGB Percent	53%, 42%, 35%
CMY	0.4706, 0.5804, 0.6510
CMYK	0.00, 0.21, 0.34, 0.47
HSL	23°, 21%, 44%
HSV	23°, 34%, 53%
XYZ	17.0525, 16.3876, 11.7155
YIQ	113.3200, 22.4660, 0.3380

# Conversions

## Conversions Part 2

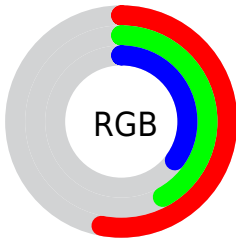
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 119, 89
Decimal	8874841
CIELab	47.48, 8.39, 14.32
CIELCh	47, 16.596, 59.645
Yxy	16.3876, 0.3776, 0.3629
Android (android.graphics.Color)	4287064921 (0xFF876B59)
YUV	113.3200, -11.9898, 19.0134
Hunter-Lab	40.4815, 4.3491, 11.1783

# Details

The Hex color **876B59** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **597587**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **BD9E8B**, and **543C2B** is the 20% darker color. If you saturate the color by 10%, you get **87634C**, and if you desaturate by 10%, it is **877367**.

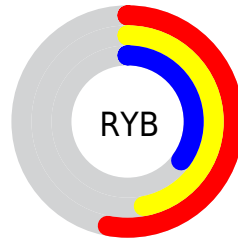
# Distribution



Red (53%)

Green (42%)

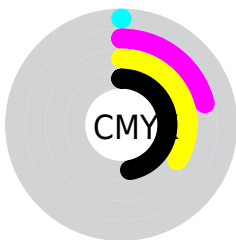
Blue (35%)



Red (53%)

Yellow (47%)

Blue (35%)

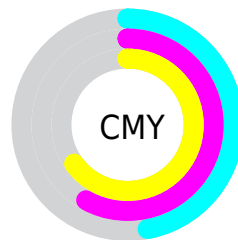


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 876B59 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 876B59 by changing the saturation by 10% instead.





876B59



876B59

FFFFFF



6D5342



BD9E8B



543C2B



D9B9A5



3C2617



F6D5C1



261200



FFF1DC



000000



FFFFF9



876B59



876B59



87634C



877367



875B3E



877B74

 875231

 878482

 874A23

 878C8F

 874215

 87949C

 873A08

 879CAA

 873500

 87A5B8

 87ADC5

 87B5D3

# Harmonies

## Analogous

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



8D6863



876B59



7B7055

# Triad

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



876B59



4F7970



736D89

# Complementary

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



876B59



597587

# 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.



60728C



876B59



49787E

# Square

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



876B59



5C7762



4F7688



83697F

# Rectangle

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



876B59



717356



4F7688



6D6F8B



# Sweetspot

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



876B59



B0A59E



875975



59534F



D9D9D9



595959



# Same Dimension

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



876B59



B08468



878259



423E3C



823300



030100



# Inverse Universe

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



597587



6894B0



595E87



3C4042



004F82

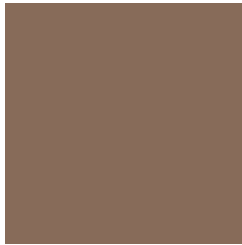


000203



# Previews

## White Background



This preview shows how the Hex color 876B59 looks on a white background.

## Color Contrast Check

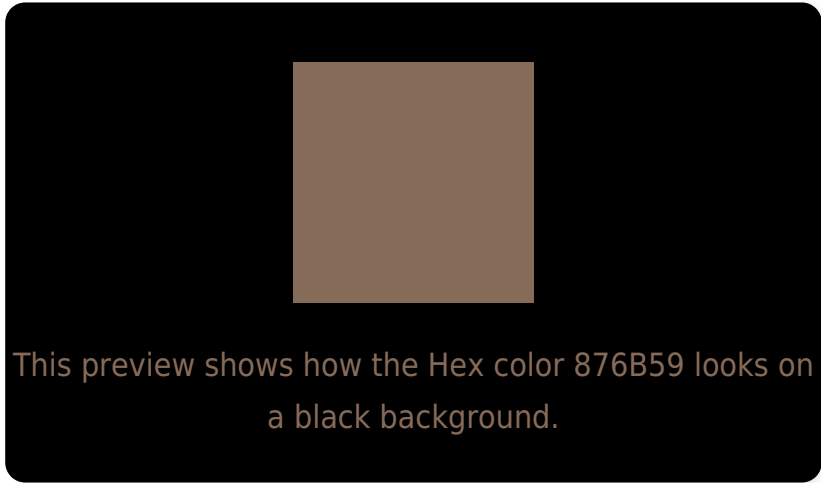
Large Text (above 18pt) WCAG AA ✓ Pass

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

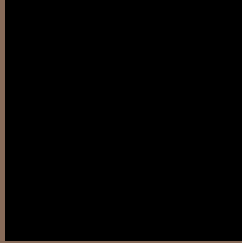
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 876B59 Background



This preview shows how black text looks on a background with the Hex color 876B59.



This preview shows how white text looks on a background with the Hex color 876B59.

# 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**  
876B59

**Protanopia**  
78715C

**Deuteranopia**  
846C59



**Tritanopia**  
896870

# Trichromacy



**Original Color**  
876B59

**Protanomaly**  
7D6F5B

**Deuteranomaly**  
856C59

**Tritanomaly**  
886968

# Monochromacy



**Original Color**  
876B59

**Achromatopsia**  
717171

**Achromatomaly**  
796F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 876B59 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 #876B59 looks like.

```
.text, #text, p{  
    color:#876B59  
}
```

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 #876B59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876B59
}
```

## Border

The CSS property to change the border of an element to Hex 876B59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

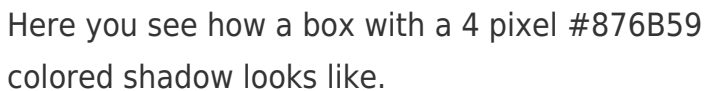
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#876B59 }
```

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

```
.border{ border-color:#876B59 }
```

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



Here you see how a box with a 4 pixel #876B59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876B59; -webkit-box-shadow:4px 4px  
4px 4px #876B59; box-shadow:4px 4px 4px  
4px #876B59 }
```

# Background

The CSS property to change the background color of an element to Hex 876B59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876B59 }
```

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

```
.background{ background-color:#876B59 }
```

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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