

# Converting Colors

Hex(837A63)

Have a look what the booklet for  
Hex(837A63) contains.

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**Color**

**Hex(837A63)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	837A63
RGB	131, 122, 99
RGB Percent	51%, 48%, 39%
CMY	0.4863, 0.5216, 0.6118
CMYK	0.00, 0.07, 0.24, 0.49
HSL	43°, 14%, 45%
HSV	43°, 24%, 51%
XYZ	18.5717, 19.6452, 14.6174
YIQ	122.0690, 12.7470, -5.2450

# Conversions

## Conversions Part 2

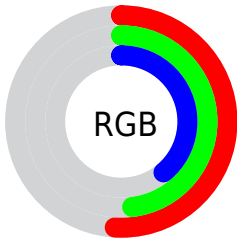
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 131, 99
Decimal	8616547
CIELab	51.43, -0.52, 13.86
CIElCh	51, 13.867, 92.158
Yxy	19.6452, 0.3515, 0.3718
Android (android.graphics.Color)	4286806627 (0xFF837A63)
YUV	122.0690, -11.3730, 7.8325
Hunter-Lab	44.3229, -2.7719, 11.4725

# Details

The Hex color **837A63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636C83**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B8AE96**, and **514934** is the 20% darker color. If you saturate the color by 10%, you get **837656**, and if you desaturate by 10%, it is **837E70**.

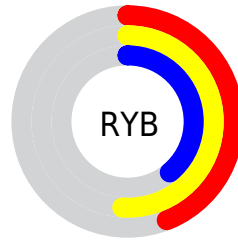
# Distribution



Red (51%)

Green (48%)

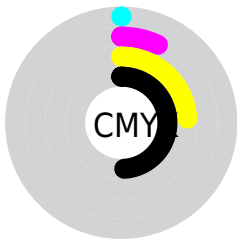
Blue (39%)



Red (44%)

Yellow (51%)

Blue (39%)

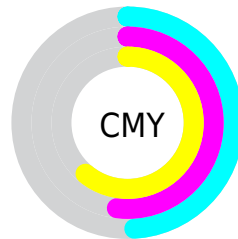


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 837A63 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 837A63 by changing the saturation by 10% instead.





837A63



837A63

FFFFFF



6A614B



B8AE96



514934



D4CAB1



3A331F



F1E6CC



241E08



FFFFE8



070500



000000



837A63



837A63



837656



837E70



837349



83817D

■ 836F3C

■ 83858A

■ 836B2F

■ 838997

■ 836822

■ 838CA4

■ 836414

■ 8390B2

■ 836007

■ 8394BF

■ 835E00

■ 8397CC

■ 839BD9

# Harmonies

## Analogous

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



8D7666



837A63



767E66

# Triad

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



837A63



5B8187



8B7486

# Complementary

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



837A63



636C83

# 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.



7E778F



837A63



617F8F

# Square

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



837A63



5E817B



6E7B92



92727A

# Rectangle

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



837A63



6D806C



6E7B92



877589



# Sweetspot

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



837A63



ABA79F



83636C



575550



D6D6D6



575757



# Same Dimension

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



837A63



AB9D79



7C8363



42403C



825D00



030200



# Inverse Universe

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



636C83



7987AB



6A6383



3C3E42



002582



000103



# Previews

## White Background



This preview shows how the Hex color 837A63 looks on a white background.

## Color Contrast Check

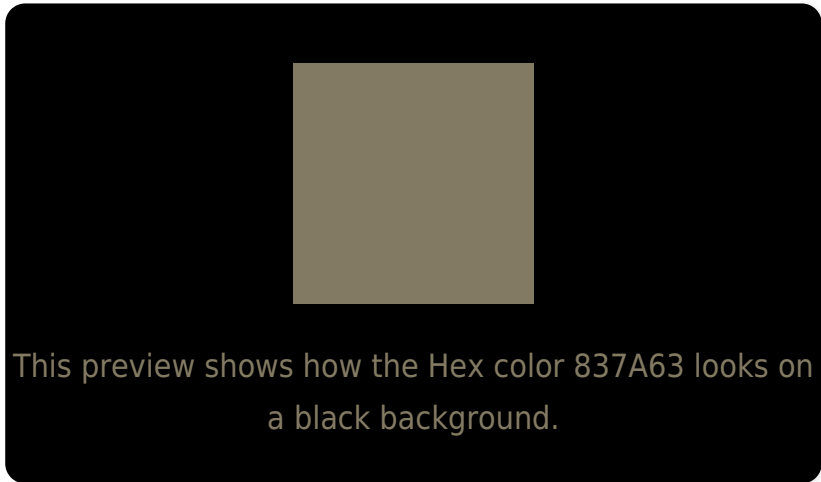
Large Text (above 18pt) WCAG AA ✓ Pass

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

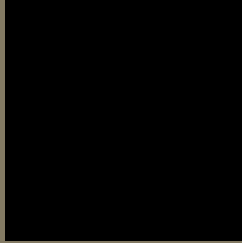
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 837A63 Background



This preview shows how black text looks on a background with the Hex color 837A63.



This preview shows how white text looks on a background with the Hex color 837A63.

# 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**


837A63

**Protanopia**

827A63

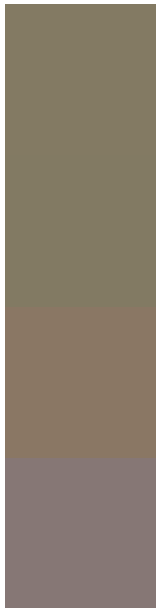
**Deuteranopia**

8E7664



**Tritanopia**  
87767F

# Trichromacy



**Original Color**  
837A63

**Protanomaly**  
827A63

**Deuteranomaly**  
8A7764

**Tritanomaly**  
867775

# Monochromacy



**Original Color**  
837A63

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7D7A72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 837A63 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 #837A63 looks like.

```
.text, #text, p{  
    color:#837A63  
}
```

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 #837A63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837A63
}
```

## Border

The CSS property to change the border of an element to Hex 837A63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

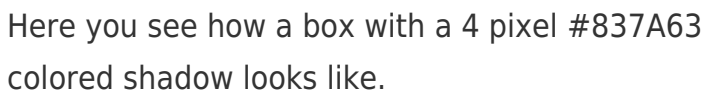
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837A63 }
```

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

```
.border{ border-color:#837A63 }
```

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



Here you see how a box with a 4 pixel #837A63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837A63; -webkit-box-shadow:4px 4px  
4px 4px #837A63; box-shadow:4px 4px 4px  
4px #837A63 }
```

# Background

The CSS property to change the background color of an element to Hex 837A63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837A63 }
```

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

```
.background{ background-color:#837A63 }
```

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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