

# Converting Colors

Hex(837A75)

Have a look what the booklet for  
Hex(837A75) contains.

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# Color

Hex(837A75)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	837A75
RGB	131, 122, 117
RGB Percent	51%, 48%, 46%
CMY	0.4863, 0.5216, 0.5412
CMYK	0.00, 0.07, 0.11, 0.49
HSL	21°, 6%, 49%
HSV	21°, 11%, 51%
XYZ	19.5305, 20.0287, 19.6662
YIQ	124.1210, 6.9690, 0.3530

# Conversions

## Conversions Part 2

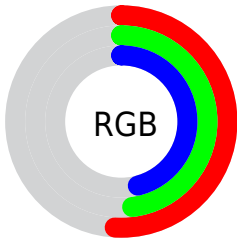
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 125, 117
Decimal	8616565
CIE <sub>Lab</sub>	51.87, 2.51, 3.96
CIE <sub>LCh</sub>	52, 4.690, 57.676
Yxy	20.0287, 0.3298, 0.3382
Android (android.graphics.Color)	4286806645 (0xFF837A75)
YUV	124.1210, -3.5107, 6.0329
Hunter-Lab	44.7535, -0.4208, 5.2734

# Details

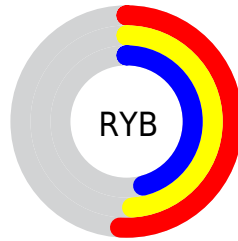
The Hex color **837A75** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **757E83**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B8AEA9**, and **524945** is the 20% darker color. If you saturate the color by 10%, you get **837268**, and if you desaturate by 10%, it is **838282**.

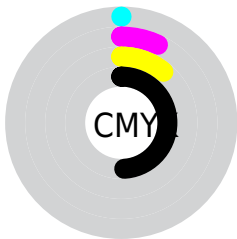
# Distribution



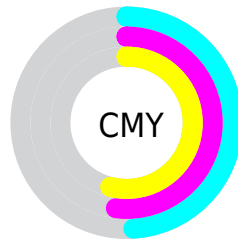
- Red (51%)
- Green (48%)
- Blue (46%)



- Red (51%)
- Yellow (49%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (11%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 837A75 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 837A75 by changing the saturation by 10% instead.





837A75



837A75

FFFFFF



6A615C



B8AEA9



524945



D4CAC4



3B332F



F0E6E0



251E1A

FFFFFFD



100500



000000



837A75



837A75



837268



838282



83695B



838B8F

83614E

83939C

835841

839CA9

835034

83A4B6

834726

83ADC4

833F19

83B5D1

83370C

83BDDE

832F00

83C6EB

# Harmonies

## Analogous

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



857978



837A75



7F7B74

# Triad

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



837A75



737E7B



7C7B83

# Complementary

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



837A75



757E83

# 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.



777C84



837A75



727E7F

# Square

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



837A75



767E77



747D82



817A80

# Rectangle

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



837A75



7C7C74



747D82



7B7B83



# Sweetspot

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



837A75



ABA8A6



83757E



575453



D6D6D6



575757



# Same Dimension

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



837A75



AB9D95



838175



423E3C



822E00



030100



# Inverse Universe

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



757E83



95A3AB



757783



3C4042



005482



000203



# Previews

## White Background



This preview shows how the Hex color 837A75 looks on a white background.

## Color Contrast Check

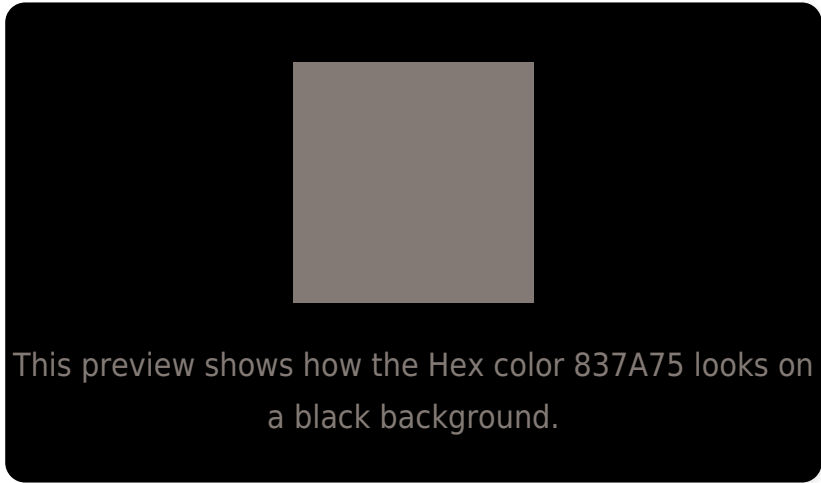
Large Text (above 18pt) WCAG AA ✓ Pass

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

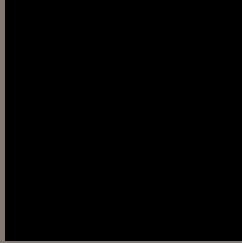
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

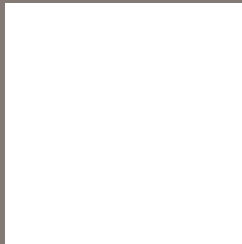
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 837A75 Background



This preview shows how black text looks on a background with the Hex color 837A75.



This preview shows how white text looks on a background with the Hex color 837A75.

# 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**  
837A75

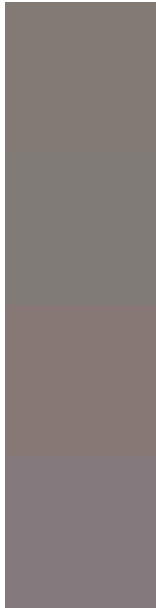
**Protanopia**  
7F7B76

**Deuteranopia**  
8A7775



**Tritanopia**  
857882

# Trichromacy



**Original Color**  
837A75

**Protanomaly**  
807B76

**Deuteranomaly**  
877875

**Tritanomaly**  
84797D

# Monochromacy



**Original Color**  
837A75

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7F7B79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 837A75 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 #837A75 looks like.

```
.text, #text, p{  
    color:#837A75  
}
```

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 #837A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837A75
}
```

## Border

The CSS property to change the border of an element to Hex 837A75 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
#837A75 }
```

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

```
.border{ border-color:#837A75 }
```

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

Here you see how a box with a 4 pixel #837A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837A75; -webkit-box-shadow:4px 4px  
4px 4px #837A75; box-shadow:4px 4px 4px  
4px #837A75 }
```

# Background

The CSS property to change the background color of an element to Hex 837A75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837A75 }
```

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

```
.background{ background-color:#837A75 }
```

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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