

Converting Colors

Hex(837A77)

Have a look what the booklet for
Hex(837A77) contains.

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Color

Hex(837A77)

Conversions

Conversions Part 1

Format	Color
Hex	837A77
RGB	131, 122, 119
RGB Percent	51%, 48%, 47%
CMY	0.4863, 0.5216, 0.5333
CMYK	0.00, 0.07, 0.09, 0.49
HSL	15°, 5%, 49%
HSV	15°, 9%, 51%
XYZ	19.6494, 20.0763, 20.2922
YIQ	124.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

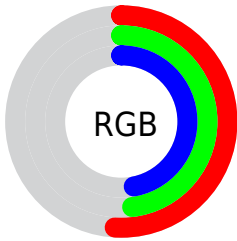
Format	Color
R_{YB}	131, 123, 119
Decimal	8616567
CIE _{Lab}	51.92, 2.87, 2.87
CIE _{LCh}	52, 4.061, 44.947
Yxy	20.0763, 0.3274, 0.3345
Android (android.graphics.Color)	4286806647 (0xFF837A77)
YUV	124.3490, -2.6371, 5.8329
Hunter-Lab	44.8066, -0.1324, 4.5130

Details

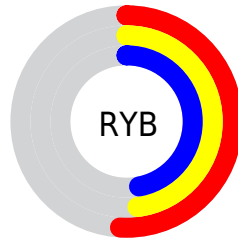
The Hex color **837A77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **778083**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B8AEAB**, and **524947** is the 20% darker color. If you saturate the color by 10%, you get **83706A**, and if you desaturate by 10%, it is **838484**.

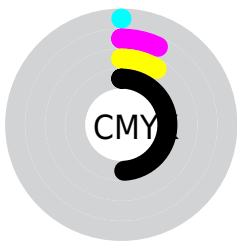
Distribution



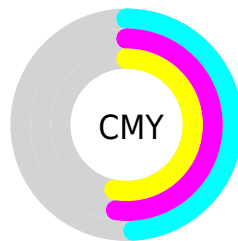
- Red (51%)
- Green (48%)
- Blue (47%)



- Red (51%)
- Yellow (48%)
- Blue (47%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837A77 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 837A77 by changing the saturation by 10% instead.



837A77



837A77

FFFFFF



6A615E



B8AEAB



524947



D4CAC6



3B3330



F0E6E2



251E1C



110500



000000



837A77



837A77



83706A



838484



83665D



838E91

835D50

83979E

835343

83A1AB

834936

83ABB9

833F28

83B5C6

83351B

83BFD3

832B0E

83C9E0

832201

83D2ED

Harmonies

Analogous

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



847A7A



837A77



817B75

Triad

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



837A77



757E7A



7A7B82

Complementary

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



837A77



778083

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.



767D82



837A77



747E7D

Square

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



837A77



797D77



747D81



7F7A81

Rectangle

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



837A77



7E7C75



747D81



797C83

Sweetspot

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



837A77



ABA7A6



837780



575453



D6D6D6



575757

Same Dimension

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



837A77



AB9D98



838077



423D3C



822100



030100

Inverse Universe

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



778083



98A6AB



777A83



3C4142



006282



000203

Previews

White Background



This preview shows how the Hex color 837A77 looks on a white background.

Color Contrast Check

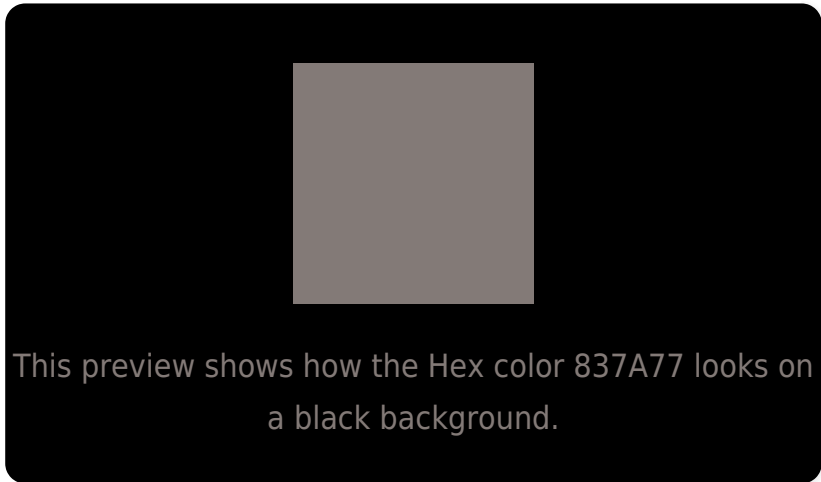
Large Text (above 18pt) WCAG AA ✓ Pass

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

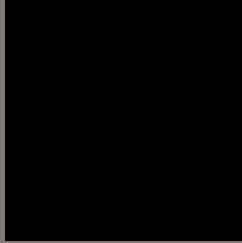
Any Text WCAG AA ✓ Pass

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 837A77 Background



This preview shows how black text looks on a background with the Hex color 837A77.



This preview shows how white text looks on a background with the Hex color 837A77.

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
837A77

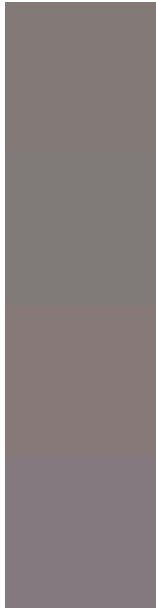
Protanopia
7F7B78

Deuteranopia
897877



Tritanopia
857882

Trichromacy



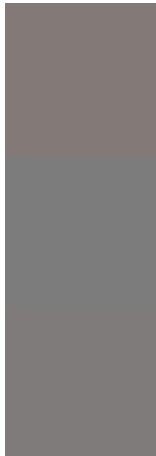
Original Color
837A77

Protanomaly
807B78

Deuteranomaly
877977

Tritanomaly
84797E

Monochromacy



Original Color
837A77

Achromatopsia
7C7C7C

Achromatomaly
7F7B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 837A77 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 #837A77 looks like.

```
.text, #text, p{  
    color:#837A77  
}
```

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 #837A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837A77
}
```

Border

The CSS property to change the border of an element to Hex 837A77 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
#837A77 }
```

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

```
.border{ border-color:#837A77 }
```

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

Here you see how a box with a 4 pixel #837A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837A77; -webkit-box-shadow:4px 4px  
4px 4px #837A77; box-shadow:4px 4px 4px  
4px #837A77 }
```

Background

The CSS property to change the background color of an element to Hex 837A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837A77 }
```

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

```
.background{ background-color:#837A77 }
```

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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