

Converting Colors

Hex(837A48)

Have a look what the booklet for
Hex(837A48) contains.

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Color

Hex(837A48)

Conversions

Conversions Part 1

Format	Color
Hex	837A48
RGB	131, 122, 72
RGB Percent	51%, 48%, 28%
CMY	0.4863, 0.5216, 0.7176
CMYK	0.00, 0.07, 0.45, 0.49
HSL	51°, 29%, 40%
HSV	51°, 45%, 51%
XYZ	17.4893, 19.2122, 8.9174
YIQ	118.9910, 21.4140, -13.6420

Conversions

Conversions Part 2

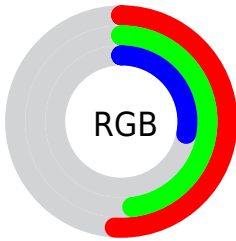
Format	Color
RYB	83, 131, 72
Decimal	8616520
CIELab	50.93, -4.12, 28.55
CIELCh	51, 28.846, 98.213
Yxy	19.2122, 0.3834, 0.4211
Android (android.graphics.Color)	4286806600 (0xFF837A48)
YUV	118.9910, -23.1666, 10.5319
Hunter-Lab	43.8318, -5.4824, 18.6199

Details

The Hex color **837A48** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **485183**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B9AE79**, and **504A1A** is the 20% darker color. If you saturate the color by 10%, you get **83783B**, and if you desaturate by 10%, it is **837C55**.

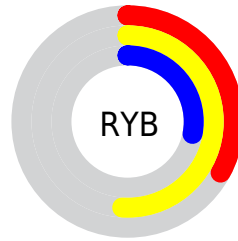
Distribution



Red (51%)

Green (48%)

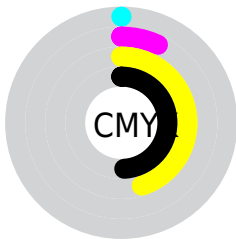
Blue (28%)



Red (33%)

Yellow (51%)

Blue (28%)

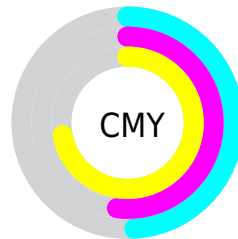


Cyan (0%)

Magenta (7%)

Yellow (45%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837A48 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 837A48 by changing the saturation by 10% instead.



837A48



837A48

FFFFFF



696131



B9AE79



504A1A



D5CA93



383302



F2E6AE



211E00



FFFFCA



000600



FFFFE6



000000



837A48



837A48



83783B



837C55



83762E



837E62

 837421

 83806F

 837214

 83827C

 837007

 83848A

 836F00

 838697

 8388A4

 838AB1

 838CBE

Harmonies

Analogous

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



99724C



837A48



688152

Triad

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



837A48



148597



9E698C

Complementary

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



837A48



485183

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.



8570A0



837A48



3781A6

Square

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



837A48



28877F



6179AA



A96673

Rectangle

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



837A48



54845F



6179AA



976B94

Sweetspot

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



837A48



ABA793



834852



575448



D6D6D6



575757

Same Dimension

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



837A48



AB9D4F



6F8348



42413C



826E00



030200

Inverse Universe

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



485183



4F5DAB



5C4883



3C3D42



001482



000003

Previews

White Background



This preview shows how the Hex color 837A48 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

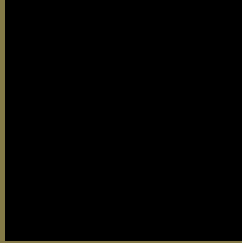
Any Text WCAG AA ✓ Pass

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 837A48 Background



This preview shows how black text looks on a background with the Hex color 837A48.



This preview shows how white text looks on a background with the Hex color 837A48.

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
837A48

Protanopia
857948

Deuteranopia
937449



Tritanopia
89747D

Trichromacy



Original Color
837A48

Protanomaly
847948

Deuteranomaly
8D7649

Tritanomaly
87766A

Monochromacy



Original Color
837A48

Achromatopsia
777777

Achromatomaly
7B7866

CSS Examples

Text

The CSS property to change the color of the text to Hex 837A48 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 #837A48 looks like.

```
.text, #text, p{  
    color:#837A48  
}
```

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 #837A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837A48
}
```

Border

The CSS property to change the border of an element to Hex 837A48 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
#837A48 }
```

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

```
.border{ border-color:#837A48 }
```

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

Here you see how a box with a 4 pixel #837A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837A48; -webkit-box-shadow:4px 4px  
4px 4px #837A48; box-shadow:4px 4px 4px  
4px #837A48 }
```

Background

The CSS property to change the background color of an element to Hex 837A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837A48 }
```

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

```
.background{ background-color:#837A48 }
```

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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