

Converting Colors

Hex(837B67)

Have a look what the booklet for
Hex(837B67) contains.

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Color

Hex(837B67)

Conversions

Conversions Part 1

Format	Color
Hex	837B67
RGB	131, 123, 103
RGB Percent	51%, 48%, 40%
CMY	0.4863, 0.5176, 0.5961
CMYK	0.00, 0.06, 0.21, 0.49
HSL	43°, 12%, 46%
HSV	43°, 21%, 51%
XYZ	18.8912, 19.9705, 15.6910
YIQ	123.1120, 11.1880, -4.5240

Conversions

Conversions Part 2

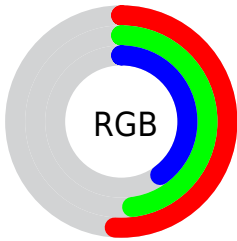
Format	Color
RYB	114, 131, 103
Decimal	8616807
CIELab	51.80, -0.46, 12.05
CIElCh	52, 12.056, 92.203
Yxy	19.9705, 0.3463, 0.3661
Android (android.graphics.Color)	4286806887 (0xFF837B67)
YUV	123.1120, -9.9152, 6.9178
Hunter-Lab	44.6883, -2.7469, 10.4639

Details

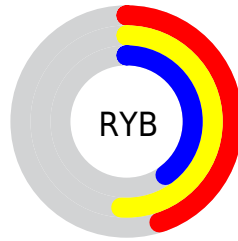
The Hex color **837B67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676F83**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B8AF9A**, and **514A38** is the 20% darker color. If you saturate the color by 10%, you get **83775A**, and if you desaturate by 10%, it is **837F74**.

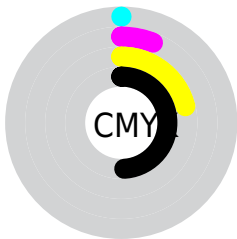
Distribution



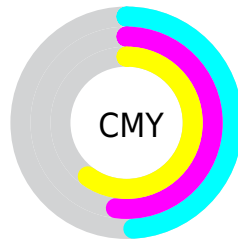
- Red (51%)
- Green (48%)
- Blue (40%)



- Red (45%)
- Yellow (51%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837B67 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 837B67 by changing the saturation by 10% instead.



837B67



837B67

FFFFFF



6A624F



B8AF9A



514A38



D4CBB5



3A3422



F0E7D0



241F0D



FFFFED



090700



000000



837B67



837B67



83775A



837F74



83744D



838281

■ 837040

■ 83868E

■ 836C33

■ 838A9B

■ 836826

■ 838EA9

■ 836518

■ 8391B6

■ 83610B

■ 8395C3

■ 835E00

■ 8399D0

■ 839DDD

Harmonies

Analogous

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



8C786A



837B67



777E6A

Triad

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



837B67



618186



8A7685

Complementary

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



837B67



676F83

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.



7E798D



837B67



667F8D

Square

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



837B67



63827C



717C90



90747B

Rectangle

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



837B67



70806F



717C90



867788

Sweetspot

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



837B67



ABA8A1



83676F



575551



D6D6D6



575757

Same Dimension

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



837B67



AB9E7E



7D8367



42403C



825D00



030200

Inverse Universe

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



676F83



7E8BAB



6D6783



3C3E42



002582



000103

Previews

White Background



This preview shows how the Hex color 837B67 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

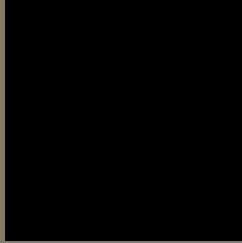
Any Text WCAG AA ✓ Pass

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 837B67 Background



This preview shows how black text looks on a background with the Hex color 837B67.



This preview shows how white text looks on a background with the Hex color 837B67.

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
837B67

Protanopia
827B67

Deuteranopia
8E7768



Tritanopia
867781

Trichromacy



Original Color
837B67

Protanomaly
827B67

Deuteranomaly
8A7868

Tritanomaly
857878

Monochromacy



Original Color
837B67

Achromatopsia
7B7B7B

Achromatomaly
7E7B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 837B67 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 #837B67 looks like.

```
.text, #text, p{  
    color:#837B67  
}
```

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 #837B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837B67
}
```

Border

The CSS property to change the border of an element to Hex 837B67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

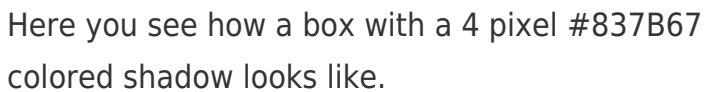
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837B67 }
```

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

```
.border{ border-color:#837B67 }
```

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



Here you see how a box with a 4 pixel #837B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837B67; -webkit-box-shadow:4px 4px  
4px 4px #837B67; box-shadow:4px 4px 4px  
4px #837B67 }
```

Background

The CSS property to change the background color of an element to Hex 837B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837B67 }
```

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

```
.background{ background-color:#837B67 }
```

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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