

Converting Colors

Hex(837B77)

Have a look what the booklet for
Hex(837B77) contains.

Hex(837B77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(837B77)

Conversions

Conversions Part 1

Format	Color
Hex	837B77
RGB	131, 123, 119
RGB Percent	51%, 48%, 47%
CMY	0.4863, 0.5176, 0.5333
CMYK	0.00, 0.06, 0.09, 0.49
HSL	20°, 5%, 49%
HSV	20°, 9%, 51%
XYZ	19.7728, 20.3231, 20.3334
YIQ	124.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

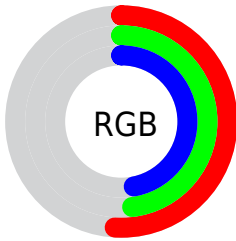
Format	Color
R_{YB}	131, 125, 119
Decimal	8616823
CIE Lab	52.20, 2.30, 3.27
CIE LCh	52, 3.996, 54.915
Yxy	20.3231, 0.3272, 0.3363
Android (android.graphics.Color)	4286806903 (0xFF837B77)
YUV	124.9360, -2.9264, 5.3181
Hunter-Lab	45.0812, -0.6012, 4.8147

Details

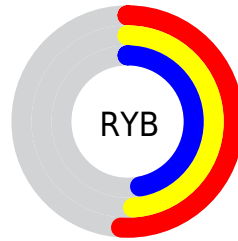
The Hex color **837B77** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **777F83**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B8AFAB**, and **524A47** is the 20% darker color. If you saturate the color by 10%, you get **83726A**, and if you desaturate by 10%, it is **838484**.

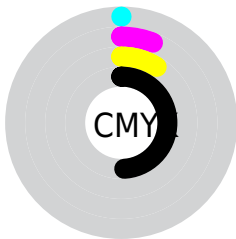
Distribution



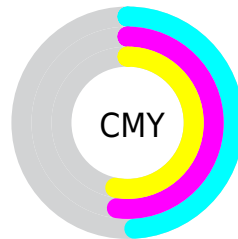
- Red (51%)
- Green (48%)
- Blue (47%)



- Red (51%)
- Yellow (49%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 837B77 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 837B77 by changing the saturation by 10% instead.



837B77



837B77

FFFFFF



6A625E



B8AFAB



524A47



D4CBC6



3B3430



F0E7E2



251F1C



110600



000000



837B77



837B77



83726A



838484



836A5D



838C91

836150

83959E

835843

839EAB

834F36

83A7B9

834728

83AFC6

833E1B

83B8D3

83350E

83C1E0

832C01

83CAED

Harmonies

Analogous

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



847A7A



837B77



807C76

Triad

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



837B77



757F7C



7D7C83

Complementary

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



837B77



777F83

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.



787D83



837B77



747F7F

Square

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



837B77



787E78



757E82



817B80

Rectangle

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



837B77



7E7D76



757E82



7B7C83

Sweetspot

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



837B77



ABA7A6



83777F



575453



D6D6D6



575757

Same Dimension

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



837B77



AB9E98



838177



423E3C



822B00



030100

Inverse Universe

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



777F83



98A5AB



777983



3C4042



005782



000203

Previews

White Background



This preview shows how the Hex color 837B77 looks on a white background.

Color Contrast Check

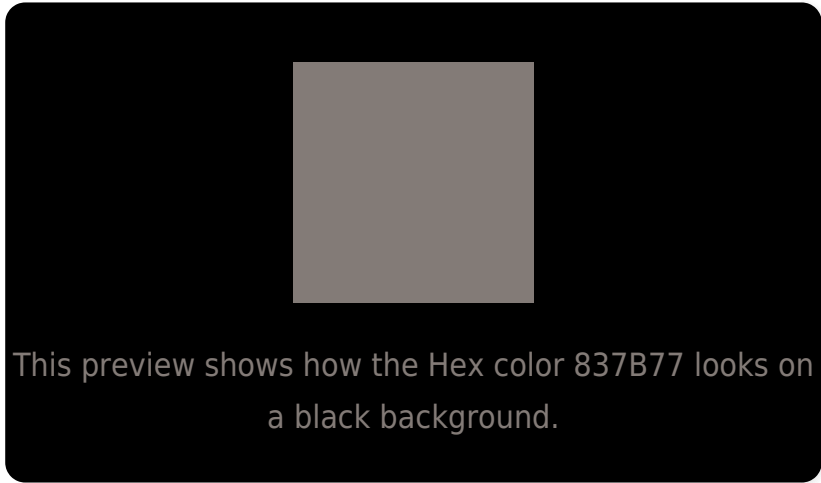
Large Text (above 18pt) WCAG AA ✓ Pass

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

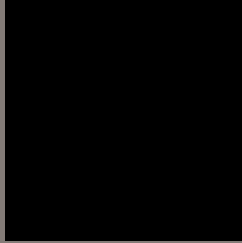
Any Text WCAG AA ✓ Pass

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 837B77 Background



This preview shows how black text looks on a background with the Hex color 837B77.



This preview shows how white text looks on a background with the Hex color 837B77.

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
837B77

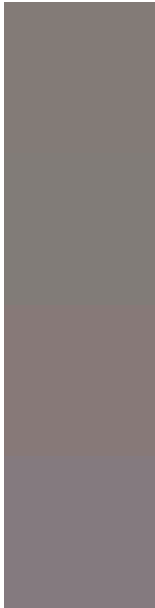
Protanopia
807C78

Deuteranopia
8A7878



Tritanopia
857983

Trichromacy



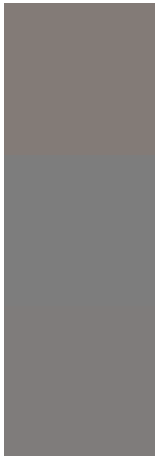
Original Color
837B77

Protanomaly
817C78

Deuteranomaly
877978

Tritanomaly
847A7F

Monochromacy



Original Color
837B77

Achromatopsia
7D7D7D

Achromatomaly
7F7C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 837B77 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 #837B77 looks like.

```
.text, #text, p{  
    color:#837B77  
}
```

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 #837B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837B77
}
```

Border

The CSS property to change the border of an element to Hex 837B77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

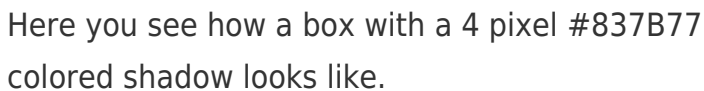
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837B77 }
```

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

```
.border{ border-color:#837B77 }
```

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



Here you see how a box with a 4 pixel #837B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837B77; -webkit-box-shadow:4px 4px  
4px 4px #837B77; box-shadow:4px 4px 4px  
4px #837B77 }
```

Background

The CSS property to change the background color of an element to Hex 837B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837B77 }
```

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

```
.background{ background-color:#837B77 }
```

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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