

Converting Colors

Hex(837B6B)

Have a look what the booklet for
Hex(837B6B) contains.

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Color

Hex(837B6B)

Conversions

Conversions Part 1

Format	Color
Hex	837B6B
RGB	131, 123, 107
RGB Percent	51%, 48%, 42%
CMY	0.4863, 0.5176, 0.5804
CMYK	0.00, 0.06, 0.18, 0.49
HSL	40°, 10%, 47%
HSV	40°, 18%, 51%
XYZ	19.0969, 20.0527, 16.7740
YIQ	123.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

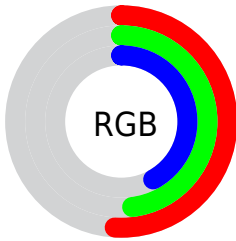
Format	Color
RYB	119, 131, 107
Decimal	8616811
CIELab	51.90, 0.19, 9.85
CIElCh	52, 9.850, 88.889
Yxy	20.0527, 0.3415, 0.3586
Android (android.graphics.Color)	4286806891 (0xFF837B6B)
YUV	123.5680, -8.1680, 6.5179
Hunter-Lab	44.7803, -2.2429, 9.1371

Details

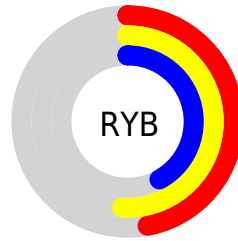
The Hex color **837B6B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B7383**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B8AF9E**, and **514A3C** is the 20% darker color. If you saturate the color by 10%, you get **83775E**, and if you desaturate by 10%, it is **837F78**.

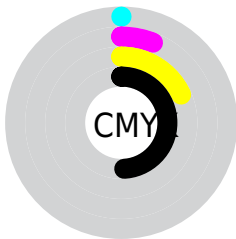
Distribution



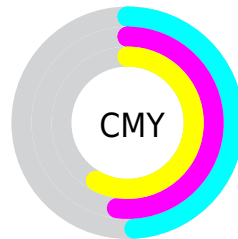
- Red (51%)
- Green (48%)
- Blue (42%)



- Red (47%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837B6B 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 837B6B by changing the saturation by 10% instead.



837B6B



837B6B

FFFFFF



6A6253



B8AF9E



514A3C



D4CBB9



3A3426



F0E7D5



241F11



FFFFFF1



0B0600



000000



837B6B



837B6B



83775E



837F78



837251



838485

■ 836E44

■ 838892

■ 836A37

■ 838C9F

■ 83652A

■ 8391AD

■ 83611C

■ 8395BA

■ 835C0F

■ 839AC7

■ 835802

■ 839ED4

■ 835700

■ 83A2E1

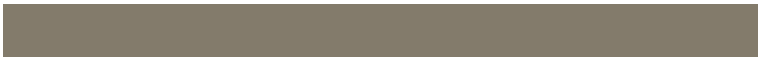
Harmonies

Analogous

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



8A786E



837B6B



7A7E6D

Triad

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



837B6B



668084



877785

Complementary

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



837B6B



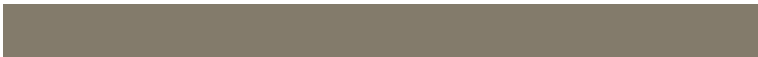
6B7383

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.



7D7A8A



837B6B



6A7F8A

Square

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



837B6B



69817B



727D8C



8D767C

Rectangle

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



837B6B



737F70



727D8C



847887

Sweetspot

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



837B6B



ABA8A2



836B73



575551



D6D6D6



575757

Same Dimension

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



837B6B



AB9E85



7F836B



42403C



825700



030200

Inverse Universe

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



6B7383



8592AB



6F6B83



3C3E42



002B82



000103

Previews

White Background



This preview shows how the Hex color 837B6B looks on a white background.

Color Contrast Check

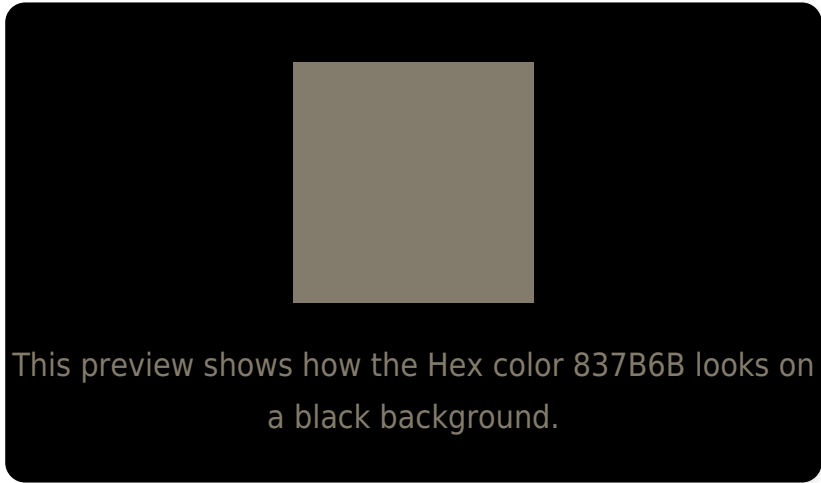
Large Text (above 18pt) WCAG AA ✓ Pass

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

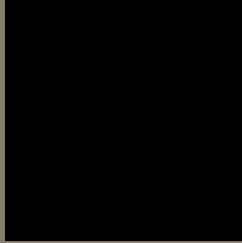
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

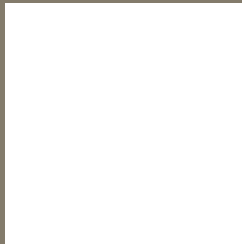
Any Text WCAG AAA × Fail

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

Hex 837B6B Background



This preview shows how black text looks on a background with the Hex color 837B6B.



This preview shows how white text looks on a background with the Hex color 837B6B.

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
837B6B

Protanopia
827B6B

Deuteranopia
8D776C



Tritanopia
867881

Trichromacy



Original Color
837B6B

Protanomaly
827B6B

Deuteranomaly
89786C

Tritanomaly
857979

Monochromacy



Original Color
837B6B

Achromatopsia
7C7C7C

Achromatomaly
7F7C76

CSS Examples

Text

The CSS property to change the color of the text to Hex 837B6B 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 #837B6B looks like.

```
.text, #text, p{  
    color:#837B6B  
}
```

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 #837B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837B6B
}
```

Border

The CSS property to change the border of an element to Hex 837B6B 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
#837B6B }
```

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

```
.border{ border-color:#837B6B }
```

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

Here you see how a box with a 4 pixel #837B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837B6B; -webkit-box-shadow:4px 4px  
4px 4px #837B6B; box-shadow:4px 4px 4px  
4px #837B6B }
```

Background

The CSS property to change the background color of an element to Hex 837B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837B6B }
```

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

```
.background{ background-color:#837B6B }
```

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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