

Converting Colors

Hex(85735E)

Have a look what the booklet for
Hex(85735E) contains.

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Color

Hex(85735E)

Conversions

Conversions Part 1

Format	Color
Hex	85735E
RGB	133, 115, 94
RGB Percent	52%, 45%, 37%
CMY	0.4784, 0.5490, 0.6314
CMYK	0.00, 0.14, 0.29, 0.48
HSL	32°, 17%, 45%
HSV	32°, 29%, 52%
XYZ	17.8240, 18.0562, 13.1354
YIQ	117.9880, 17.4690, -2.7150

Conversions

Conversions Part 2

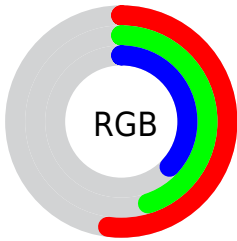
Format	Color
RYB	127, 133, 94
Decimal	8745822
CIELab	49.56, 3.59, 14.22
CIELCh	50, 14.665, 75.835
Yxy	18.0562, 0.3636, 0.3684
Android (android.graphics.Color)	4286935902 (0xFF85735E)
YUV	117.9880, -11.8261, 13.1655
Hunter-Lab	42.4925, 0.5119, 11.4169

Details

The Hex color **85735E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E7085**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BBA790**, and **534330** is the 20% darker color. If you saturate the color by 10%, you get **856D51**, and if you desaturate by 10%, it is **85796B**.

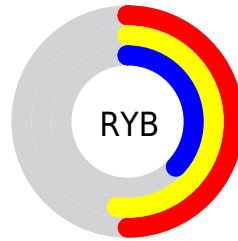
Distribution



Red (52%)

Green (45%)

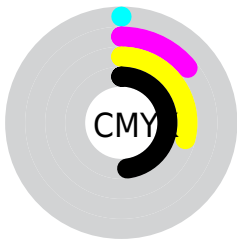
Blue (37%)



Red (50%)

Yellow (52%)

Blue (37%)

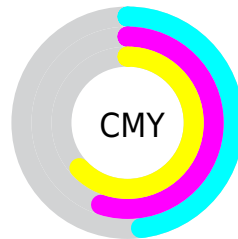


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85735E 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 85735E by changing the saturation by 10% instead.



85735E



85735E

FFFFFF



6B5A46



BBA790



534330



D7C2AB



3B2D1B



F3DEC6



261800



FFFAE2



040000



000000



85735E



85735E



856D51



85796B



856743



857F79

■ 856136

■ 858586

■ 855A29

■ 858C93

■ 85541B

■ 8592A1

■ 854E0E

■ 8598AE

■ 854801

■ 859EBB

■ 854800

■ 85A4C8

■ 85AAD6

Harmonies

Analogous

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



8D6F65



85735E



79775E

Triad

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



85735E



557D7C



807187

Complementary

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



85735E



5E7085

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.



70758E



85735E



567C87

Square

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



85735E



5D7D6F



60798E



8B6E7C

Rectangle

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



85735E



6F7A61



60798E



7B728A

Sweetspot

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



85735E



ADA69E



855E70



57524D



D6D6D6



575757

Same Dimension

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



85735E



AD9171



84855E



423F3C



824600



030100

Inverse Universe

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



5E7085



718DAD



5F5E85



3C3F42



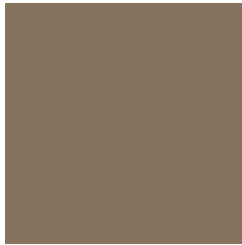
003C82



000103

Previews

White Background



This preview shows how the Hex color 85735E looks on a white background.

Color Contrast Check

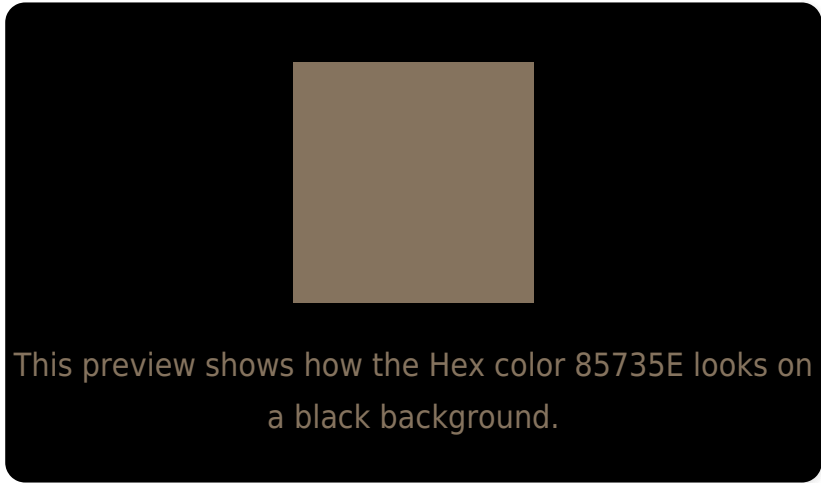
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 85735E Background



This preview shows how black text looks on a background with the Hex color 85735E.



This preview shows how white text looks on a background with the Hex color 85735E.

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
85735E

Protanopia
7D765F

Deuteranopia
89715E



Tritanopia
886F78

Trichromacy



Original Color
85735E

Protanomaly
80755F

Deuteranomaly
88725E

Tritanomaly
87706F

Monochromacy



Original Color
85735E

Achromatopsia
767676

Achromatomaly
7B756D

CSS Examples

Text

The CSS property to change the color of the text to Hex 85735E 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 #85735E looks like.

```
.text, #text, p{  
    color:#85735E  
}
```

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 #85735E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85735E
}
```

Border

The CSS property to change the border of an element to Hex 85735E is called "border". The border property can be set on classes, ids or directly on the HTML element.

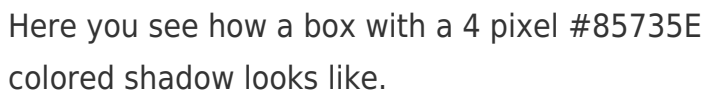
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85735E }
```

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

```
.border{ border-color:#85735E }
```

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



Here you see how a box with a 4 pixel #85735E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85735E; -webkit-box-shadow:4px 4px  
4px 4px #85735E; box-shadow:4px 4px 4px  
4px #85735E }
```

Background

The CSS property to change the background color of an element to Hex 85735E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85735E }
```

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

```
.background{ background-color:#85735E }
```

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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