

Converting Colors

Hex(87755E)

Have a look what the booklet for
Hex(87755E) contains.

Hex(87755E)	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(87755E)

Conversions

Conversions Part 1

Format	Color
Hex	87755E
RGB	135, 117, 94
RGB Percent	53%, 46%, 37%
CMY	0.4706, 0.5412, 0.6314
CMYK	0.00, 0.13, 0.30, 0.47
HSL	34°, 18%, 45%
HSV	34°, 30%, 53%
XYZ	18.3733, 18.6816, 13.2272
YIQ	119.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

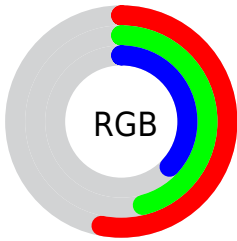
Format	Color
R_{YB}	126, 135, 94
Decimal	8877406
CIE _{Lab}	50.31, 3.27, 15.28
CIE _{LCh}	50, 15.626, 77.909
Yxy	18.6816, 0.3654, 0.3715
Android (android.graphics.Color)	4287067486 (0xFF87755E)
YUV	119.7600, -12.6997, 13.3655
Hunter-Lab	43.2222, 0.2396, 12.1112

Details

The Hex color **87755E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E7087**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BDA990**, and **544530** is the 20% darker color. If you saturate the color by 10%, you get **876F51**, and if you desaturate by 10%, it is **877B6C**.

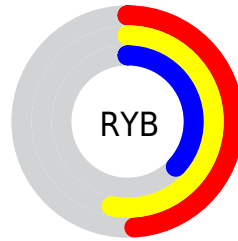
Distribution



Red (53%)

Green (46%)

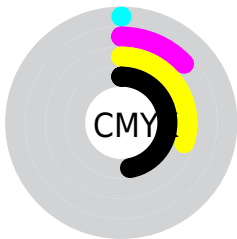
Blue (37%)



Red (49%)

Yellow (53%)

Blue (37%)

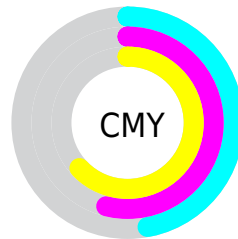


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (54%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87755E 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 87755E by changing the saturation by 10% instead.



87755E



87755E

FFFFFF



6D5C46



BDA990



544530



D9C4AB



3D2F1B



F5E0C6



271A00



FFFDE2



0A0000



000000



87755E



87755E



876F51



877B6C



876943



878179

■ 876336

■ 878787

■ 875D28

■ 878D94

■ 87571B

■ 8793A2

■ 87510D

■ 8799AF

■ 874C00

■ 879EBD

■ 87A4CA

■ 87AAD8

Harmonies

Analogous

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



907165



87755E



7A795E

Triad

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



87755E



547F7F



84728A

Complementary

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



87755E



5E7087

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.



737691



87755E



557E8B

Square

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



87755E



5C7F72



627B91



8F6F7E

Rectangle

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



87755E



6F7C63



627B91



7E738D

Sweetspot

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



87755E



B0A9A0



875E70



59554F



D9D9D9



595959

Same Dimension

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



87755E



B09471



85875E



423F3C



824900



030100

Inverse Universe

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



5E7087



718CB0



605E87



3C3F42



003982



000103

Previews

White Background



This preview shows how the Hex color 87755E looks on a white background.

Color Contrast Check

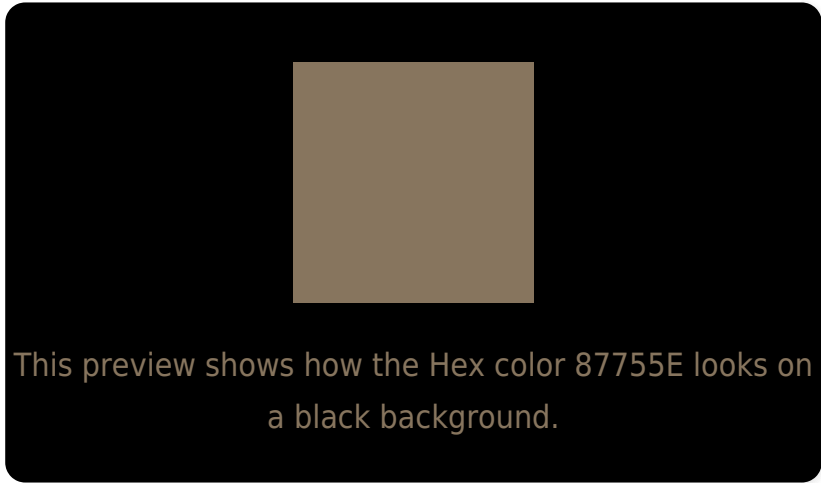
Large Text (above 18pt) WCAG AA ✓ Pass

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

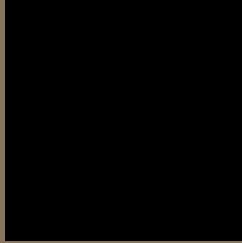
Any Text WCAG AA ✓ Pass

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 87755E Background



This preview shows how black text looks on a background with the Hex color 87755E.



This preview shows how white text looks on a background with the Hex color 87755E.

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
87755E

Protanopia
7F785F

Deuteranopia
8C735E



Tritanopia
8A717A

Trichromacy



Original Color
87755E

Protanomaly
82775F

Deuteranomaly
8A745E

Tritanomaly
897270

Monochromacy



Original Color
87755E

Achromatopsia
787878

Achromatomaly
7D776F

CSS Examples

Text

The CSS property to change the color of the text to Hex 87755E 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 #87755E looks like.

```
.text, #text, p{  
    color:#87755E  
}
```

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 #87755E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87755E
}
```

Border

The CSS property to change the border of an element to Hex 87755E is called "border". The border property can be set on classes, ids or directly on the HTML element.

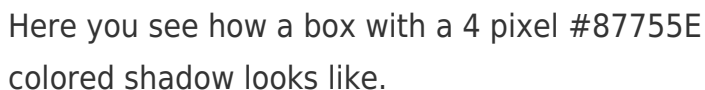
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87755E }
```

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

```
.border{ border-color:#87755E }
```

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



Here you see how a box with a 4 pixel #87755E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87755E; -webkit-box-shadow:4px 4px  
4px 4px #87755E; box-shadow:4px 4px 4px  
4px #87755E }
```

Background

The CSS property to change the background color of an element to Hex 87755E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87755E }
```

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

```
.background{ background-color:#87755E }
```

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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