

Converting Colors

Hex(87715E)

Have a look what the booklet for
Hex(87715E) contains.

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Color

Hex(87715E)

Conversions

Conversions Part 1

Format	Color
Hex	87715E
RGB	135, 113, 94
RGB Percent	53%, 44%, 37%
CMY	0.4706, 0.5569, 0.6314
CMYK	0.00, 0.16, 0.30, 0.47
HSL	28°, 18%, 45%
HSV	28°, 30%, 53%
XYZ	17.9172, 17.7693, 13.0752
YIQ	117.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

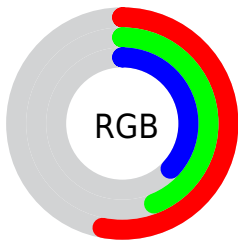
Format	Color
R_{YB}	135, 129, 94
Decimal	8876382
CIE _{Lab}	49.22, 5.59, 13.77
CIE _{LCh}	49, 14.860, 67.898
Yxy	17.7693, 0.3674, 0.3644
Android (android.graphics.Color)	4287066462 (0xFF87715E)
YUV	117.4120, -11.5421, 15.4247
Hunter-Lab	42.1537, 2.1016, 11.1171

Details

The Hex color **87715E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5E7487**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **BDA590**, and **544130** is the 20% darker color. If you saturate the color by 10%, you get **876A51**, and if you desaturate by 10%, it is **87786C**.

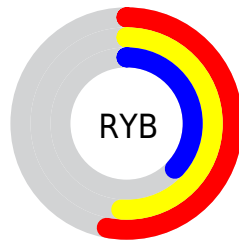
Distribution



Red (53%)

Green (44%)

Blue (37%)



Red (53%)

Yellow (51%)

Blue (37%)

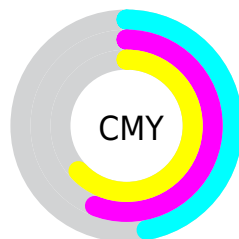


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87715E 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 87715E by changing the saturation by 10% instead.



87715E



87715E

FFFFFF



6D5946



BDA590



544130



D9C0AB



3D2B1B



F6DCC6



271700



FFF8E2



060000



000000



87715E



87715E



876A51



87786C



876343



877F79

■ 875B36

■ 878787

■ 875428

■ 878E94

■ 874D1B

■ 8795A2

■ 87460D

■ 879CAF

■ 873F00

■ 87A4BD

■ 87ABCA

■ 87B2D8

Harmonies

Analogous

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



8E6E66



87715E



7B755C

Triad

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



87715E



557C78



7B7189

Complementary

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



87715E



5E7487

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.



6B758E



87715E



537B84

Square

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



87715E



5F7B6B



5B798C



886D7F

Rectangle

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



87715E



72785F



5B798C



76728B

Sweetspot

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



87715E



B0A7A0



875E75



59544F



D9D9D9



595959

Same Dimension

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



87715E



B08E71



87855E



423F3C



823C00



030100

Inverse Universe

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



5E7487



7193B0



5E6087



3C3F42



004682



000103

Previews

White Background



This preview shows how the Hex color 87715E looks on a white background.

Color Contrast Check

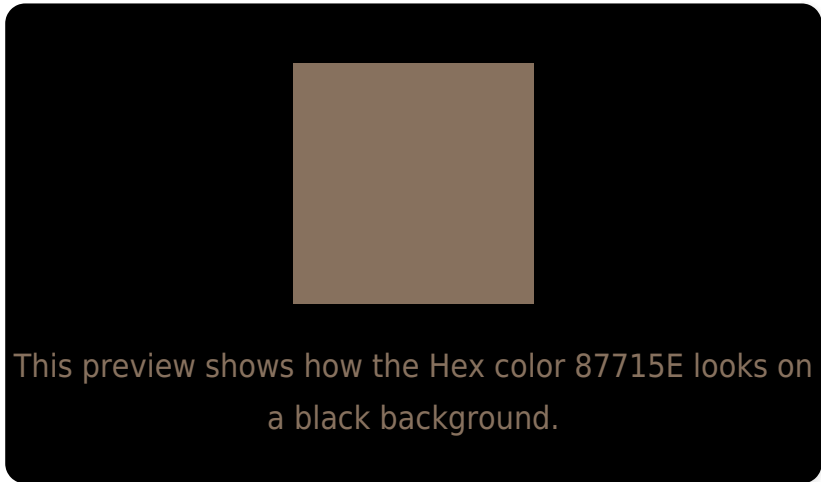
Large Text (above 18pt) WCAG AA ✓ Pass

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 87715E Background



This preview shows how black text looks on a background with the Hex color 87715E.



This preview shows how white text looks on a background with the Hex color 87715E.

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
87715E

Protanopia
7C7560

Deuteranopia
88705E



Tritanopia
8A6E76

Trichromacy



Original Color
87715E

Protanomaly
80745F

Deuteranomaly
88705E

Tritanomaly
896F6D

Monochromacy



Original Color
87715E

Achromatopsia
757575

Achromatomaly
7C746D

CSS Examples

Text

The CSS property to change the color of the text to Hex 87715E 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 #87715E looks like.

```
.text, #text, p{  
    color:#87715E  
}
```

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 #87715E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87715E
}
```

Border

The CSS property to change the border of an element to Hex 87715E is called "border". The border property can be set on classes, ids or directly on the HTML element.

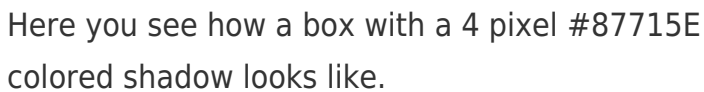
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87715E }
```

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

```
.border{ border-color:#87715E }
```

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



Here you see how a box with a 4 pixel #87715E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87715E; -webkit-box-shadow:4px 4px  
4px 4px #87715E; box-shadow:4px 4px 4px  
4px #87715E }
```

Background

The CSS property to change the background color of an element to Hex 87715E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87715E }
```

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

```
.background{ background-color:#87715E }
```

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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