

Converting Colors

Hex(87593E)

Have a look what the booklet for
Hex(87593E) contains.

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Color

Hex(87593E)

Conversions

Conversions Part 1

Format	Color
Hex	87593E
RGB	135, 89, 62
RGB Percent	53%, 35%, 24%
CMY	0.4706, 0.6510, 0.7569
CMYK	0.00, 0.34, 0.54, 0.47
HSL	22°, 37%, 39%
HSV	22°, 54%, 53%
XYZ	14.4336, 12.6435, 6.2371
YIQ	99.6760, 36.0830, 1.3550

Conversions

Conversions Part 2

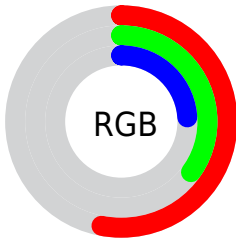
Format	Color
R_{YB}	135, 105, 62
Decimal	8870206
CIE Lab	42.22, 15.80, 23.28
CIE LCh	42, 28.141, 55.834
Yxy	12.6435, 0.4333, 0.3795
Android (android.graphics.Color)	4287060286 (0xFF87593E)
YUV	99.6760, -18.5743, 30.9791
Hunter-Lab	35.5576, 10.2308, 14.4903

Details

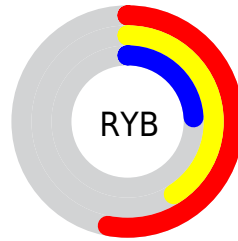
The Hex color **87593E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E6C87**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **BE8B6E**, and **522B13** is the 20% darker color. If you saturate the color by 10%, you get **875031**, and if you desaturate by 10%, it is **87624C**.

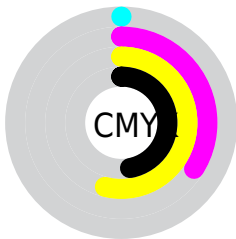
Distribution



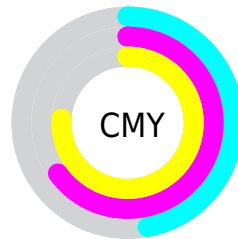
- Red (53%)
- Green (35%)
- Blue (24%)



- Red (53%)
- Yellow (41%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (47%)



- Cyan (47%)
- Magenta (65%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87593E 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 87593E by changing the saturation by 10% instead.

 87593E

 87593E

FFFFFF

 6C4128

 BE8B6E

 522B13

 DBA687

 3A1600

 F8C1A2

 220000

 FFDDBD

 000000

 FFF9D9

 FFFFF5

 87593E

 87593E

 875031

 87624C

■ 874823

■ 876A59

■ 873F15

■ 877367

■ 873708

■ 877B74

■ 873200

■ 878482

■ 878C8F

■ 87959C

■ 879DAA

■ 87A6B8

Harmonies

Analogous

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



905351



87593E



756135

Triad

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



87593E



1F705F



615F8D

Complementary

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



87593E



3E6C87

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.



3A6792



87593E



007077

Square

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



87593E



436D49



006D89



7E567E

Rectangle

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



87593E



666636



006D89



556290

Sweetspot

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



87593E



B09E94



873E6C



594F48



D9D9D9



595959

Same Dimension

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



87593E



B0683E



877D3E



423E3C



823000



030100

Inverse Universe

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



3E6C87



3E86B0



3E4887



3C4042



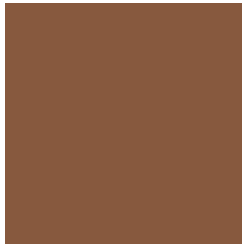
005282



000203

Previews

White Background



This preview shows how the Hex color 87593E looks on a white background.

Color Contrast Check

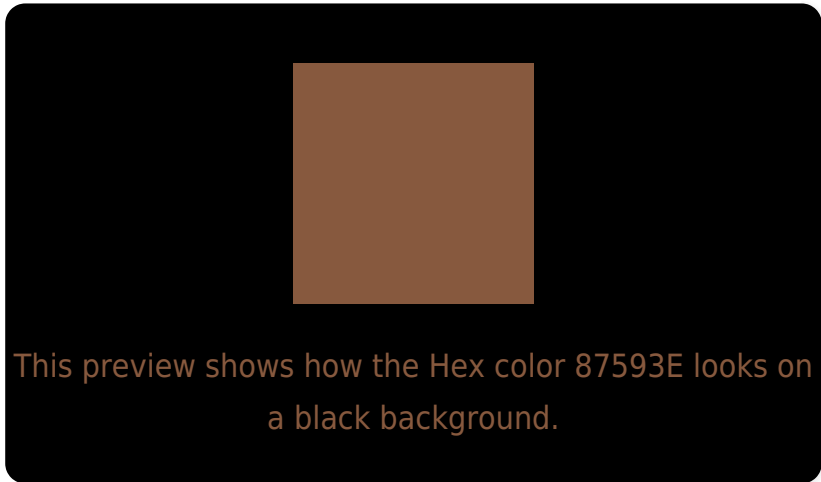
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 87593E Background



This preview shows how black text looks on a background with the Hex color 87593E.



This preview shows how white text looks on a background with the Hex color 87593E.

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
87593E

Protanopia
6D6442

Deuteranopia
79603D



Tritanopia
89555C

Trichromacy



Original Color
87593E

Protanomaly
766041

Deuteranomaly
7E5D3D

Tritanomaly
885651

Monochromacy



Original Color
87593E

Achromatopsia
646464

Achromatomaly
716056

CSS Examples

Text

The CSS property to change the color of the text to Hex 87593E 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 #87593E looks like.

```
.text, #text, p{  
    color:#87593E  
}
```

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 #87593E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87593E
}
```

Border

The CSS property to change the border of an element to Hex 87593E is called "border". The border property can be set on classes, ids or directly on the HTML element.

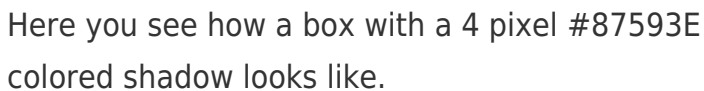
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87593E }
```

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

```
.border{ border-color:#87593E }
```

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



Here you see how a box with a 4 pixel #87593E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87593E; -webkit-box-shadow:4px 4px  
4px 4px #87593E; box-shadow:4px 4px 4px  
4px #87593E }
```

Background

The CSS property to change the background color of an element to Hex 87593E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87593E }
```

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

```
.background{ background-color:#87593E }
```

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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