

Converting Colors

Hex(874E47)

Have a look what the booklet for
Hex(874E47) contains.

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Color

Hex(874E47)

Conversions

Conversions Part 1

Format	Color
Hex	874E47
RGB	135, 78, 71
RGB Percent	53%, 31%, 28%
CMY	0.4706, 0.6941, 0.7216
CMYK	0.00, 0.42, 0.47, 0.47
HSL	7°, 31%, 40%
HSV	7°, 47%, 53%
XYZ	13.8534, 11.0546, 7.3648
YIQ	94.2450, 36.2190, 9.9070

Conversions

Conversions Part 2

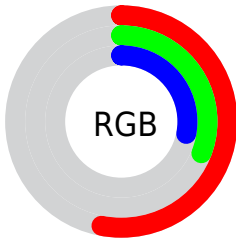
Format	Color
R_{YB}	135, 79, 71
Decimal	8867399
CIE _{Lab}	39.67, 23.17, 14.50
CIE _{LCh}	40, 27.329, 32.039
Yxy	11.0546, 0.4293, 0.3425
Android (android.graphics.Color)	4287057479 (0xFF874E47)
YUV	94.2450, -11.4598, 35.7421
Hunter-Lab	33.2485, 16.1895, 10.1407

Details

The Hex color **874E47** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **478087**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **BE8077**, and **52201C** is the 20% darker color. If you saturate the color by 10%, you get **87423A**, and if you desaturate by 10%, it is **875A55**.

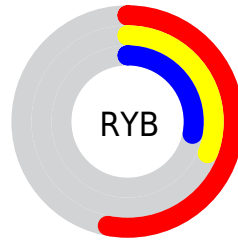
Distribution



Red (53%)

Green (31%)

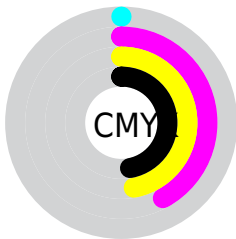
Blue (28%)



Red (53%)

Yellow (31%)

Blue (28%)

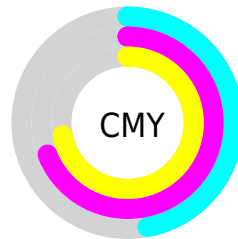


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (47%)



Cyan (47%)

Magenta (69%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874E47 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 874E47 by changing the saturation by 10% instead.

 874E47

 874E47

FFFFFF

 6C3631

 BE8077

 52201C

 DB9A91

 3A0901

 F8B5AC

 230001

 FFD1C7

 000000

 FFEDE3

 874E47

 874E47

 87423A

 875A55

 87362C

 876662

 872A1F

 877270

 871E11

 877E7D

 871203

 878A8B

 870F00

 879698

 87A2A6

 87AEB3

 87BAC1

Harmonies

Analogous

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



874C5D



874E47



7C5537

Triad

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



874E47



376748



3E5F8A

Complementary

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



874E47



478087

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.



046584



874E47



10695E

Square

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



874E47



536337



006974



625783

Rectangle

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



874E47



715A31



006974



2F6189

Sweetspot

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



874E47



B09A97



874781



594C4A



D9D9D9



595959

Same Dimension

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



874E47



B0574C



876D47



423C3C



820E00



030000

Inverse Universe

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



478087



4CA5B0



476187



3C4242



007482



000203

Previews

White Background



This preview shows how the Hex color 874E47 looks on a white background.

Color Contrast Check

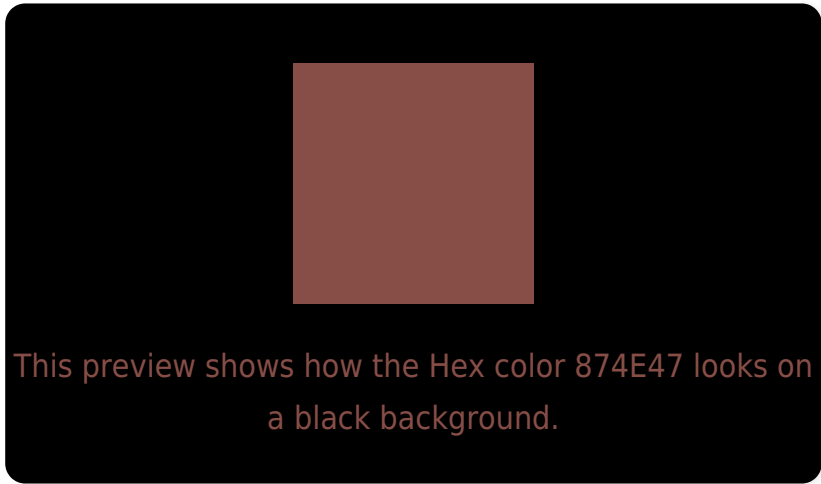
Large Text (above 18pt) WCAG AA ✓ Pass

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

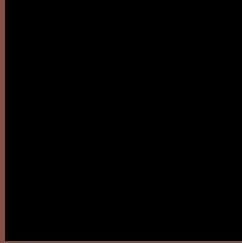
Any Text WCAG AA × Fail

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 874E47 Background



This preview shows how black text looks on a background with the Hex color 874E47.



This preview shows how white text looks on a background with the Hex color 874E47.

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
874E47

Protanopia
635E4E

Deuteranopia
6F5A45



Tritanopia
884C52

Trichromacy



Original Color
874E47

Protanomaly
70584B

Deuteranomaly
785646

Tritanomaly
884D4E

Monochromacy



Original Color
874E47

Achromatopsia
5E5E5E

Achromatomaly
6D5856

CSS Examples

Text

The CSS property to change the color of the text to Hex 874E47 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 #874E47 looks like.

```
.text, #text, p{  
    color:#874E47  
}
```

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 #874E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874E47  
}
```

Border

The CSS property to change the border of an element to Hex 874E47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

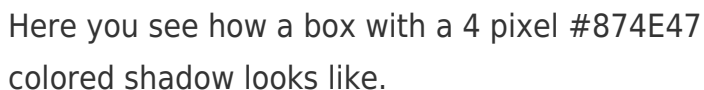
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#874E47 }
```

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

```
.border{ border-color:#874E47 }
```

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



Here you see how a box with a 4 pixel #874E47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874E47; -webkit-box-shadow:4px 4px  
4px 4px #874E47; box-shadow:4px 4px 4px  
4px #874E47 }
```

Background

The CSS property to change the background color of an element to Hex 874E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874E47 }
```

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

```
.background{ background-color:#874E47 }
```

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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