

Converting Colors

Hex(84613E)

Have a look what the booklet for
Hex(84613E) contains.

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Color

Hex(84613E)

Conversions

Conversions Part 1

Format	Color
Hex	84613E
RGB	132, 97, 62
RGB Percent	52%, 38%, 24%
CMY	0.4824, 0.6196, 0.7569
CMYK	0.00, 0.27, 0.53, 0.48
HSL	30°, 36%, 38%
HSV	30°, 53%, 52%
XYZ	14.6599, 13.8027, 6.4490
YIQ	103.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

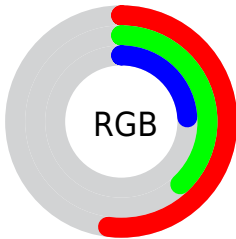
Format	Color
R_{YB}	132, 132, 62
Decimal	8675646
CIE _{Lab}	43.95, 9.74, 25.40
CIE _{LCh}	44, 27.205, 69.011
Yxy	13.8027, 0.4199, 0.3954
Android (android.graphics.Color)	4286865726 (0xFF84613E)
YUV	103.4750, -20.4472, 25.0164
Hunter-Lab	37.1520, 5.4188, 15.7147

Details

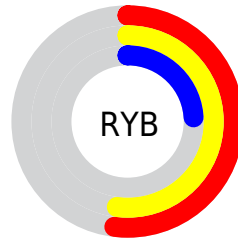
The Hex color **84613E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E6184**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **BB946E**, and **503312** is the 20% darker color. If you saturate the color by 10%, you get **845A31**, and if you desaturate by 10%, it is **84684B**.

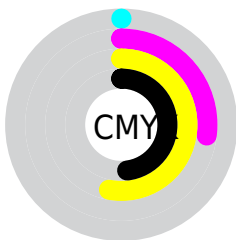
Distribution



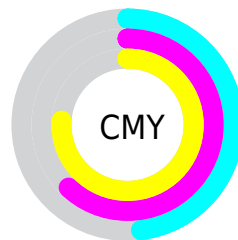
- Red (52%)
- Green (38%)
- Blue (24%)



- Red (52%)
- Yellow (52%)
- Blue (24%)



- Cyan (0%)
- Magenta (27%)
- Yellow (53%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84613E 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 84613E by changing the saturation by 10% instead.

 84613E

 84613E

FFFFFF

 6A4927

 BB946E

 503312

 D7AE88

 381D00

 F4CAA2

 200600

 FFE6BD

 000000

 FFFFD9

 FFFFF6

 84613E

 84613E

 845A31

 84684B

■ 845424

■ 846E58

■ 844D16

■ 847566

■ 844709

■ 847B73

■ 844200

■ 848280

■ 84898D

■ 848F9A

■ 8496A8

■ 849CB5

Harmonies

Analogous

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



915A4D



84613E



70693B

Triad

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



84613E



18746E



73608B

Complementary

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



84613E



3E6184

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.



526894



84613E



007384

Square

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



84613E



3B7357



296F92



8A5879

Rectangle

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



84613E



606D40



296F92



69628F

Sweetspot

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



84613E



AB9D90



843E61



574E46



D6D6D6



575757

Same Dimension

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



84613E



AB743E



84833E



423F3C



824100



030100

Inverse Universe

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



3E6184



3E74AB



3E3E84



3C3F42



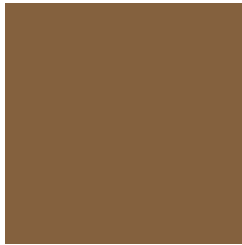
004182



000103

Previews

White Background



This preview shows how the Hex color 84613E looks on a white background.

Color Contrast Check

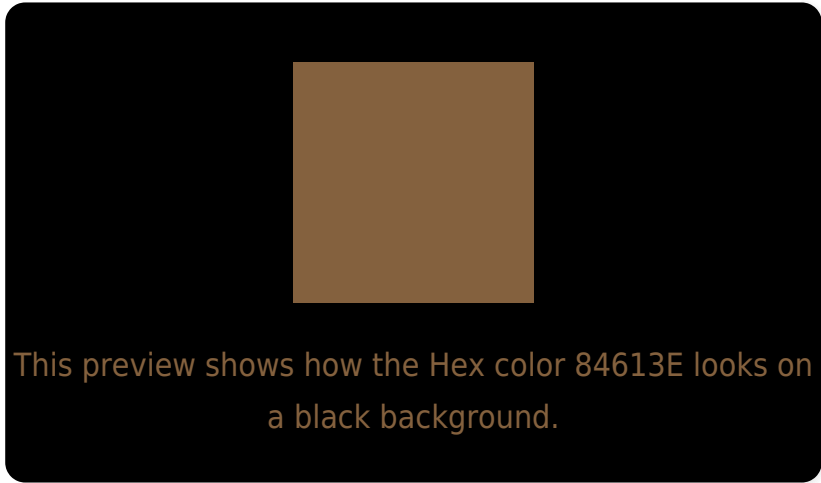
Large Text (above 18pt) WCAG AA ✓ Pass

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

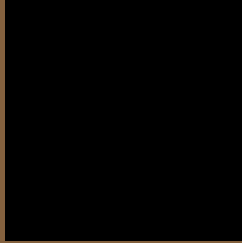
Any Text WCAG AA × Fail

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 84613E Background



This preview shows how black text looks on a background with the Hex color 84613E.



This preview shows how white text looks on a background with the Hex color 84613E.

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
84613E

Protanopia
726841

Deuteranopia
7F633D



Tritanopia
875C63

Trichromacy



Original Color
84613E

Protanomaly
796540

Deuteranomaly
81623D

Tritanomaly
865E56

Monochromacy



Original Color
84613E

Achromatopsia
676767

Achromatomaly
726558

CSS Examples

Text

The CSS property to change the color of the text to Hex 84613E 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 #84613E looks like.

```
.text, #text, p{  
    color:#84613E  
}
```

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 #84613E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84613E
}
```

Border

The CSS property to change the border of an element to Hex 84613E is called "border". The border property can be set on classes, ids or directly on the HTML element.

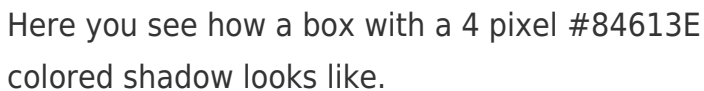
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84613E }
```

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

```
.border{ border-color:#84613E }
```

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



Here you see how a box with a 4 pixel #84613E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84613E; -webkit-box-shadow:4px 4px  
4px 4px #84613E; box-shadow:4px 4px 4px  
4px #84613E }
```

Background

The CSS property to change the background color of an element to Hex 84613E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84613E }
```

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

```
.background{ background-color:#84613E }
```

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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