

# Converting Colors

Hex(86423E)

Have a look what the booklet for  
Hex(86423E) contains.

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# Color

**Hex(86423E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 86423E                    |
| RGB           | 134, 66, 62               |
| RGB Percent   | 53%, 26%, 24%             |
| CMY           | 0.4745, 0.7412, 0.7569    |
| CMYK          | 0.00, 0.51, 0.54, 0.47    |
| HSL           | 3°, 37%, 38%              |
| HSV           | 3°, 54%, 53%              |
| XYZ           | 12.6492, 9.3126, 5.6882   |
| YIQ           | 85.8760, 41.8120, 13.1720 |

# Conversions

## Conversions Part 2

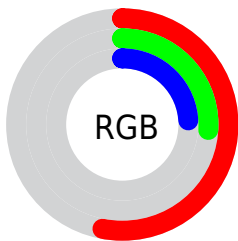
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">134, 66, 62</a>                    |
| Decimal                             | <a href="#">8798782</a>                        |
| CIELab                              | <a href="#">36.58, 28.64, 15.89</a>            |
| CIELCh                              | <a href="#">37, 32.754, 29.017</a>             |
| Yxy                                 | <a href="#">9.3126, 0.4575,<br/>0.3368</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286988862<br/>(0xFF86423E)</a>    |
| YUV                                 | <a href="#">85.8760, -11.7709,<br/>42.2047</a> |
| Hunter-Lab                          | <a href="#">30.5165, 20.5852,<br/>10.3099</a>  |

# Details

The Hex color **86423E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E8286**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BE746E**, and **501314** is the 20% darker color. If you saturate the color by 10%, you get **863531**, and if you desaturate by 10%, it is **864F4B**.

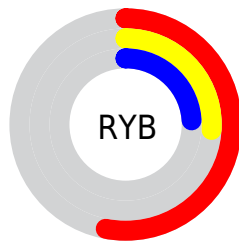
# Distribution



Red (53%)

Green (26%)

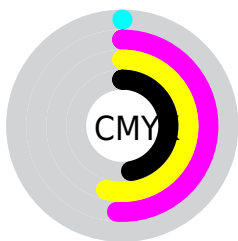
Blue (24%)



Red (53%)

Yellow (26%)

Blue (24%)

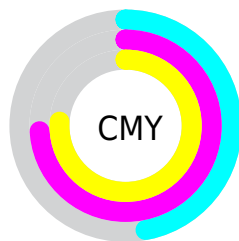


Cyan (0%)

Magenta (51%)

Yellow (54%)

Black (47%)



Cyan (47%)

Magenta (74%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86423E 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 86423E by changing the saturation by 10% instead.



 86423E

 86423E

FFFFFF

 6B2A28

 BE746E

 501314

 DB8E87

 370000

 F9A8A1

 1B0001

 FFC4BC

 000000

 FFE0D8

 FFFDF4

 86423E

 86423E

 863531

 864F4B

 862923

 865B59

 861C16

 866866

 860F08

 867574

 860700

 868181

 868E8E

 869B9C

 86A7A9

 86B4B7

# Harmonies

## Analogous

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



853F58



86423E



7A4B29

# Triad

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



86423E



29613A



1F598B

# Complementary

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



86423E



3E8286

# 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.



006083



86423E



006354

# Square

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



86423E



4B5C26



00636F



564F84

# Rectangle

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



86423E



6E5121



00636F



005C89



# Sweetspot

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



86423E



AD9392



863E82



574746



D6D6D6



575757



# Same Dimension

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



86423E



AD453E



86663E



423C3C



820700



030000



# Inverse Universe

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



3E8286



3EA7AD



3E5E86



3C4242



007B82

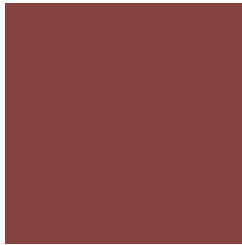


000203



# Previews

## White Background



This preview shows how the Hex color 86423E looks on a white background.

## Color Contrast Check

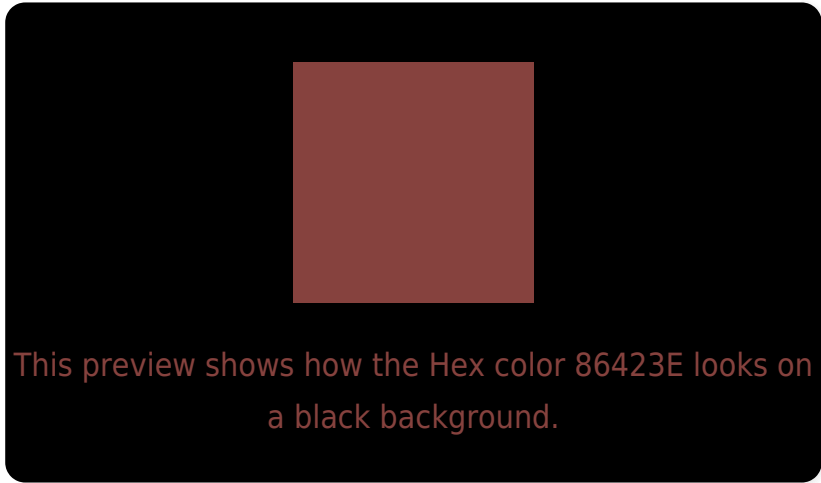
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 86423E Background



This preview shows how black text looks on a background with the Hex color 86423E.



This preview shows how white text looks on a background with the Hex color 86423E.

# 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**  
86423E

**Protanopia**  
5C5647

**Deuteranopia**  
68533B



**Tritanopia**  
864145

# Trichromacy



**Original Color**  
86423E

**Protanomaly**  
6B4F44

**Deuteranomaly**  
734D3C

**Tritanomaly**  
864142

# Monochromacy



**Original Color**  
86423E

**Achromatopsia**  
565656

**Achromatomaly**  
674F4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86423E 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 #86423E looks like.

```
.text, #text, p{  
    color:#86423E  
}
```

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 #86423E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86423E
}
```

## Border

The CSS property to change the border of an element to Hex 86423E is called "border". The border property can be set on classes, ids or directly on the HTML element.

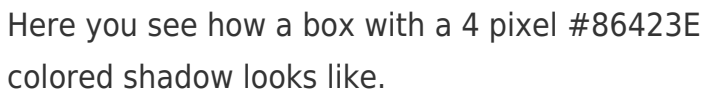
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86423E }
```

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

```
.border{ border-color:#86423E }
```

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



Here you see how a box with a 4 pixel #86423E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86423E; -webkit-box-shadow:4px 4px  
4px 4px #86423E; box-shadow:4px 4px 4px  
4px #86423E }
```

# Background

The CSS property to change the background color of an element to Hex 86423E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86423E }
```

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

```
.background{ background-color:#86423E }
```

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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