

# Converting Colors

Hex(86423B)

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

<b>Hex(86423B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(86423B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86423B
RGB	134, 66, 59
RGB Percent	53%, 26%, 23%
CMY	0.4745, 0.7412, 0.7686
CMYK	0.00, 0.51, 0.56, 0.47
HSL	6°, 39%, 38%
HSV	6°, 56%, 53%
XYZ	12.5691, 9.2805, 5.2665
YIQ	85.5340, 42.7750, 12.2390

# Conversions

## Conversions Part 2

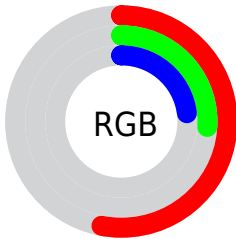
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 67, 59
Decimal	8798779
CIE Lab	36.52, 28.36, 17.68
CIE LCh	37, 33.422, 31.937
Yxy	9.2805, 0.4635, 0.3423
Android (android.graphics.Color)	4286988859 (0xFF86423B)
YUV	85.5340, -13.0813, 42.5047
Hunter-Lab	30.4640, 20.3355, 11.0749

# Details

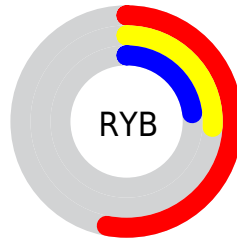
The Hex color **86423B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B7F86**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BE746A**, and **501311** is the 20% darker color. If you saturate the color by 10%, you get **86362E**, and if you desaturate by 10%, it is **864E48**.

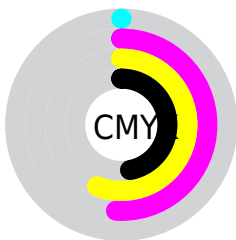
# Distribution



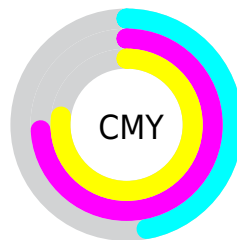
- Red (53%)
- Green (26%)
- Blue (23%)



- Red (53%)
- Yellow (26%)
- Blue (23%)



- Cyan (0%)
- Magenta (51%)
- Yellow (56%)
- Black (47%)



- Cyan (47%)
- Magenta (74%)
- Yellow (77%)

# Brightness & Saturation Gradients

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



 86423B

 86423B

FFFFFF

 6B2A25

 BE746A

 501311

 DB8E83

 360000

 F9A89E

 1A0001

 FFC4B9

 000000

 FFE0D4

 FFFDF1

 86423B

 86423B

 86362E

 864E48

■ 862A20

■ 865A56

■ 861E13

■ 866663

■ 861105

■ 867371

■ 860D00

■ 867F7E

■ 868B8B

■ 869799

■ 86A3A6

■ 86AFB4

# Harmonies

## Analogous

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



873F55



86423B



794B26

# Triad

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



86423B



23613C



25588B

# Complementary

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



86423B



3B7F86

# 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.



005F85



86423B



006357

# Square

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



86423B



485D26



006372



5A4E84

# Rectangle

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



86423B



6B521F



006372



005B8B



# Sweetspot

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



86423B



AD9390



863B80



574745



D6D6D6



575757



# Same Dimension

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



86423B



AD4439



86673B



423C3C



820C00



030000



# Inverse Universe

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



3B7F86



39A3AD



3B5A86



3C4242



007682

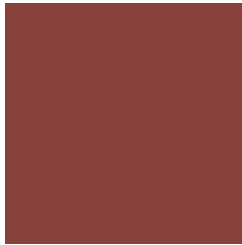


000203



# Previews

## White Background



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

## Color Contrast Check

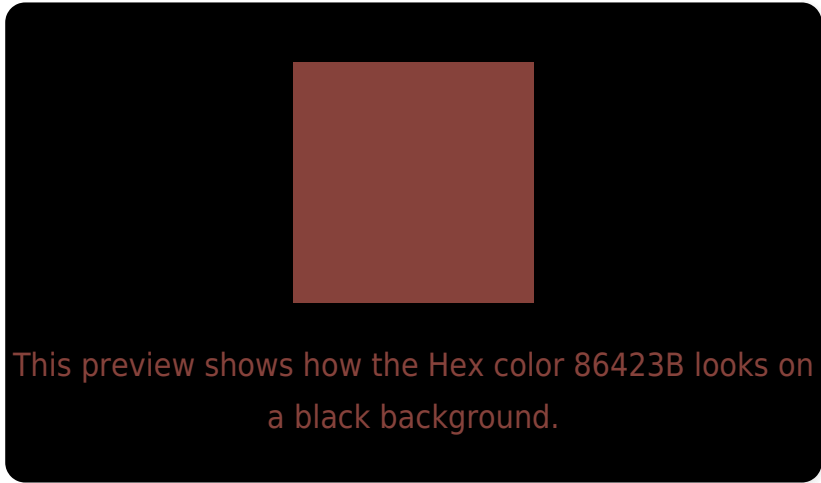
Large Text (above 18pt) WCAG AA ✓ Pass

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

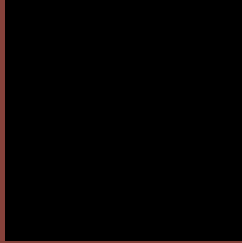
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 86423B Background



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

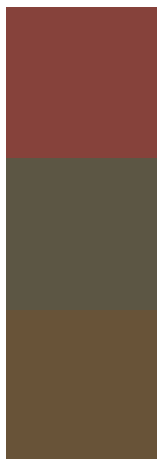


This preview shows how white text looks on a background with the Hex color 86423B.

# 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**  
86423B

**Protanopia**  
5C5644

**Deuteranopia**  
685338



**Tritanopia**  
874145

# Trichromacy



**Original Color**

86423B

**Protanomaly**

6B4F41

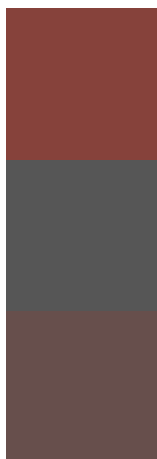
**Deuteranomaly**

734D39

**Tritanomaly**

874141

# Monochromacy



**Original Color**

86423B

**Achromatopsia**

565656

**Achromatomaly**

674F4C

# CSS Examples

## Text

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

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

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 #86423B colored shadow looks like.

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

## Border

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

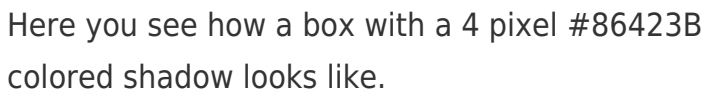
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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