

Converting Colors

Hex(86823E)

Have a look what the booklet for
Hex(86823E) contains.

Hex(86823E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86823E)

Conversions

Conversions Part 1

Format	Color
Hex	86823E
RGB	134, 130, 62
RGB Percent	53%, 51%, 24%
CMY	0.4745, 0.4902, 0.7569
CMYK	0.00, 0.03, 0.54, 0.47
HSL	57°, 37%, 38%
HSV	57°, 54%, 53%
XYZ	18.6836, 21.3814, 7.6997
YIQ	123.4440, 24.2120, -20.3000

Conversions

Conversions Part 2

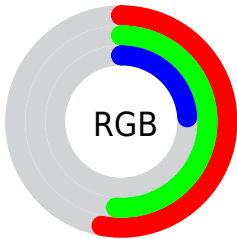
Format	Color
RYB	66, 134, 62
Decimal	8815166
CIELab	53.36, -8.26, 36.89
CIELCh	53, 37.802, 102.625
Yxy	21.3814, 0.3912, 0.4476
Android (android.graphics.Color)	4287005246 (0xFF86823E)
YUV	123.4440, -30.2919, 9.2576
Hunter-Lab	46.2400, -8.7957, 22.4953

Details

The Hex color **86823E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **3E4286**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **BDB770**, and **52510D** is the 20% darker color. If you saturate the color by 10%, you get **868131**, and if you desaturate by 10%, it is **86834B**.

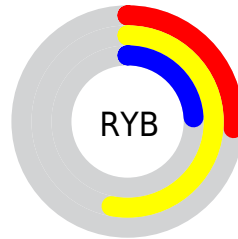
Distribution



Red (53%)

Green (51%)

Blue (24%)



Red (26%)

Yellow (53%)

Blue (24%)

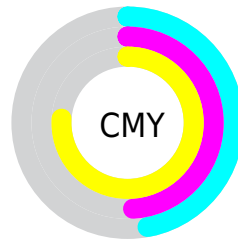


Cyan (0%)

Magenta (3%)

Yellow (54%)

Black (47%)



Cyan (47%)

Magenta (49%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86823E 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 86823E by changing the saturation by 10% instead.



86823E



86823E

FFFFFF



6C6926



BDB770



52510D



D9D28A



3A3A00



F6EFA4



222500



FFFFC0



001100



FFFDC0



000000



FFFFF9



86823E



86823E



868131



86834B

■ 868123

■ 868359

■ 868016

■ 868466

■ 867F08

■ 868574

■ 867F00

■ 868681

■ 86868E

■ 86879C

■ 8688A9

■ 8689B7

Harmonies

Analogous

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



A37741



86823E



628A4E

Triad

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



86823E



008EAB



B26794

Complementary

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



86823E



3E4286

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.



9472B0



86823E



0788BD

Square

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



86823E



00908D



637EBF



BD6573

Rectangle

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



86823E



458E60



637EBF



AA6A9E

Sweetspot

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



86823E



ADAC92



863E43



575646



D6D6D6



575757

Same Dimension

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



86823E



ADA73E



67863E



42423C



827B00



030200

Inverse Universe

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



3E4286



3E45AD



5D3E86



3C3C42



000782



000003

Previews

White Background



This preview shows how the Hex color 86823E looks on a white background.

Color Contrast Check

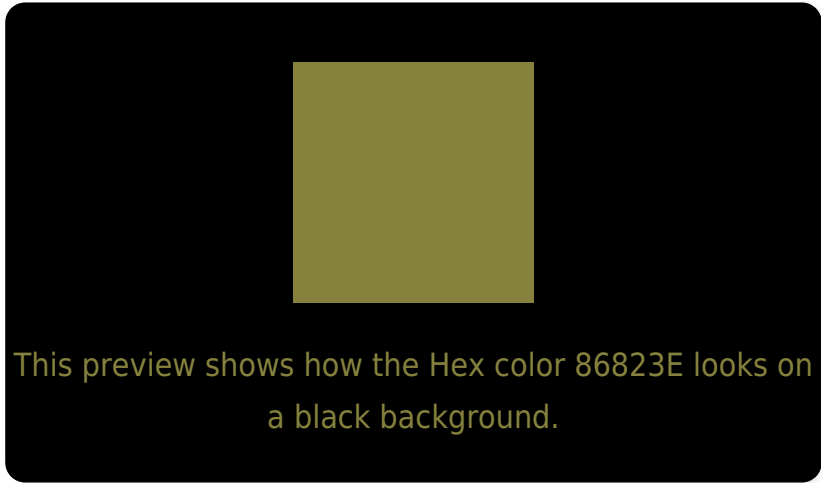
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

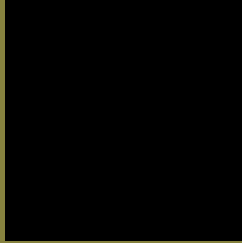
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 86823E Background



This preview shows how black text looks on a background with the Hex color 86823E.



This preview shows how white text looks on a background with the Hex color 86823E.

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
86823E

Protanopia
8D803D

Deuteranopia
9D7940



Tritanopia
8D7A84

Trichromacy



Original Color
86823E

Protanomaly
8A813D

Deuteranomaly
957C3F

Tritanomaly
8A7D6B

Monochromacy



Original Color
86823E

Achromatopsia
7B7B7B

Achromatomaly
7F7E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 86823E 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 #86823E looks like.

```
.text, #text, p{  
    color:#86823E  
}
```

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 #86823E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86823E
}
```

Border

The CSS property to change the border of an element to Hex 86823E 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
#86823E }
```

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

```
.border{ border-color:#86823E }
```

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

Here you see how a box with a 4 pixel #86823E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86823E; -webkit-box-shadow:4px 4px  
4px 4px #86823E; box-shadow:4px 4px 4px  
4px #86823E }
```

Background

The CSS property to change the background color of an element to Hex 86823E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86823E }
```

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

```
.background{ background-color:#86823E }
```

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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