

# Converting Colors

Hex(843E56)

Have a look what the booklet for  
Hex(843E56) contains.

<b>Hex(843E56)</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(843E56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843E56
RGB	132, 62, 86
RGB Percent	52%, 24%, 34%
CMY	0.4824, 0.7569, 0.6627
CMYK	0.00, 0.53, 0.35, 0.48
HSL	339°, 36%, 38%
HSV	339°, 53%, 52%
XYZ	12.9181, 9.0227, 9.8648
YIQ	85.6660, 34.0160, 22.3040

# Conversions

## Conversions Part 2

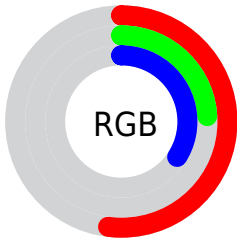
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 62, 86
Decimal	8666710
CIE <sub>Lab</sub>	36.03, 32.81, -0.12
CIE <sub>LCh</sub>	36, 32.815, 359.784
Yxy	9.0227, 0.4062, 0.2837
Android (android.graphics.Color)	4286856790 (0xFF843E56)
YUV	85.6660, 0.1647, 40.6349
Hunter-Lab	30.0378, 24.1998, 1.5548

# Details

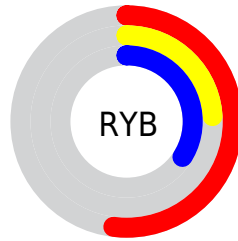
The Hex color **843E56** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3E846C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BB7088**, and **4F0C29** is the 20% darker color. If you saturate the color by 10%, you get **84314D**, and if you desaturate by 10%, it is **844B5F**.

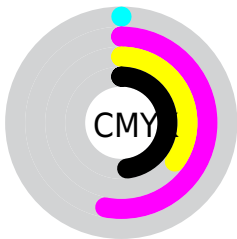
# Distribution



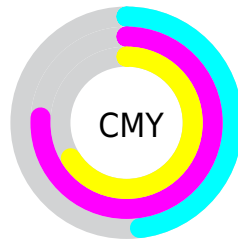
- Red (52%)
- Green (24%)
- Blue (34%)



- Red (52%)
- Yellow (24%)
- Blue (34%)



- Cyan (0%)
- Magenta (53%)
- Yellow (35%)
- Black (48%)



- Cyan (48%)
- Magenta (76%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843E56 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 843E56 by changing the saturation by 10% instead.





843E56



843E56

FFFFFF



69263F



BB7088



4F0C29



D88AA2



360015



F5A5BD



1D0001



FFC0D9



000000



FFDDF5



FFF9FF



843E56



843E56



84314D



844B5F

842445

845867

84163C

846670

840933

847379

84002D

848081

848D8A

849A93

84A89B

84B5A4

# Harmonies

## Analogous

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



754470



843E56



84413C

# Triad

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



843E56



495B25



005E82

# Complementary

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



843E56



3E846C

# 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.



00616E



843E56



276039

# Square

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



843E56



64531E



006254



1F5889

# Rectangle

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



843E56



7E462D



006254



00607C



# Sweetspot

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



843E56



AB9099



6C3E84



57464C



D6D6D6



575757



# Same Dimension

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



843E56



AB3E63



84493E



423C3E



82002D



030001



# Inverse Universe

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



843E56



AB3E63



3E7A84



423C3E



82002D

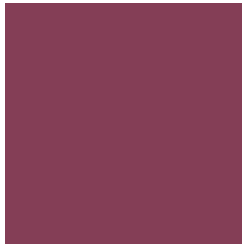


030001



# Previews

## White Background



This preview shows how the Hex color 843E56 looks on a white background.

## Color Contrast Check

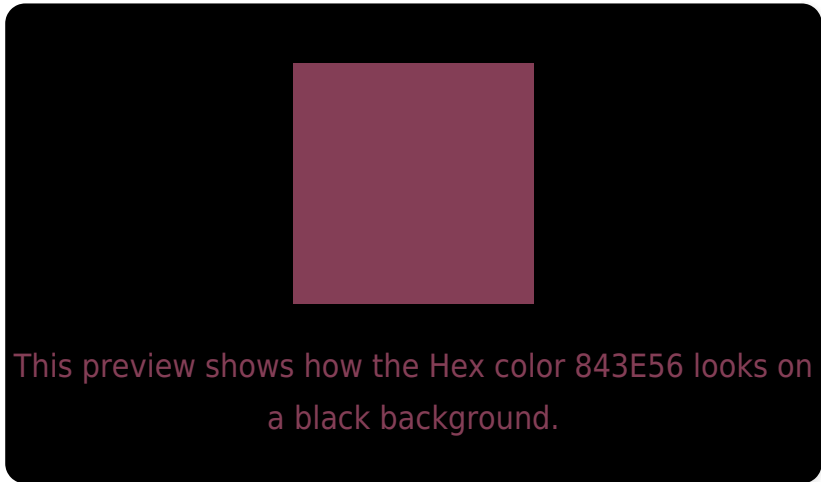
Large Text (above 18pt) WCAG AA ✓ Pass

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

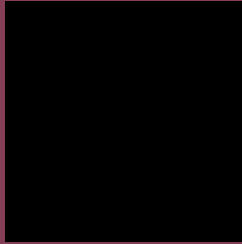
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843E56 Background



This preview shows how black text looks on a background with the Hex color 843E56.



This preview shows how white text looks on a background with the Hex color 843E56.

# 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**  
843E56

**Protanopia**  
535564

**Deuteranopia**  
5F5353



**Tritanopia**  
834146

# Trichromacy



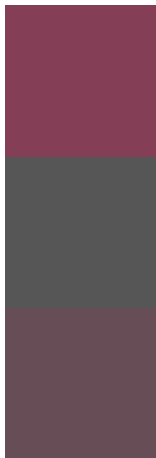
**Original Color**  
843E56

**Protanomaly**  
654D5F

**Deuteranomaly**  
6C4B54

**Tritanomaly**  
83404C

# Monochromacy



**Original Color**  
843E56

**Achromatopsia**  
565656

**Achromatomaly**  
674D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843E56 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 #843E56 looks like.

```
.text, #text, p{  
    color:#843E56  
}
```

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 #843E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843E56
}
```

## Border

The CSS property to change the border of an element to Hex 843E56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

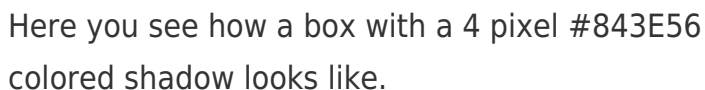
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843E56 }
```

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

```
.border{ border-color:#843E56 }
```

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



Here you see how a box with a 4 pixel #843E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843E56; -webkit-box-shadow:4px 4px  
4px 4px #843E56; box-shadow:4px 4px 4px  
4px #843E56 }
```

# Background

The CSS property to change the background color of an element to Hex 843E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843E56 }
```

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

```
.background{ background-color:#843E56 }
```

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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