

# Converting Colors

Hex(843550)

Have a look what the booklet for  
Hex(843550) contains.

<b>Hex(843550)</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(843550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	843550
RGB	132, 53, 80
RGB Percent	52%, 21%, 31%
CMY	0.4824, 0.7922, 0.6863
CMYK	0.00, 0.60, 0.39, 0.48
HSL	339°, 43%, 36%
HSV	339°, 60%, 52%
XYZ	12.2368, 8.0309, 8.4946
YIQ	79.6990, 38.4170, 25.1450

# Conversions

## Conversions Part 2

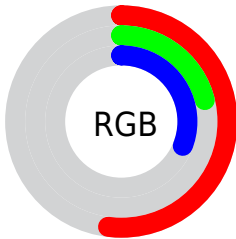
Format	Color
<b>R<sub>YB</sub></b>	132, 53, 80
Decimal	8664400
CIE Lab	34.05, 36.75, 0.83
CIE LCh	34, 36.761, 1.293
Yxy	8.0309, 0.4254, 0.2792
Android (android.graphics.Color)	4286854480 (0xFF843550)
YUV	79.6990, 0.1484, 45.8680
Hunter-Lab	28.3389, 27.4836, 2.0650

# Details

The Hex color **843550** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **358469**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **BC6781**, and **4F0024** is the 20% darker color. If you saturate the color by 10%, you get **842847**, and if you desaturate by 10%, it is **844259**.

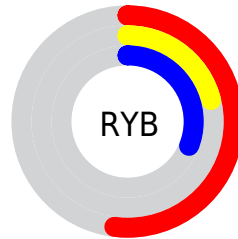
# Distribution



Red (52%)

Green (21%)

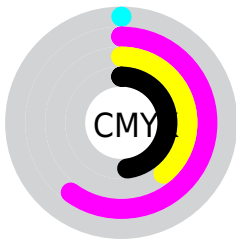
Blue (31%)



Red (52%)

Yellow (21%)

Blue (31%)

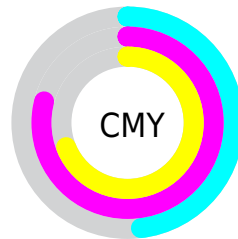


Cyan (0%)

Magenta (60%)

Yellow (39%)

Black (48%)



Cyan (48%)

Magenta (79%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 843550 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 843550 by changing the saturation by 10% instead.



 843550

 843550

FFFFFF

 691C39

 BC6781

 4F0024

 D9819B

 36000E

 F69CB6

 170000

 FFB8D1

 000000

 FFD4EE

 FFF0FF

 843550

 843550

 842847

 844259

841B3F

844F61

840D36

845D6A

84002D

846A73

84777B

848484

84918D

849F96

84AC9E

# Harmonies

## Analogous

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



743C6D



843550



833933

# Triad

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



843550



41571A



005A83

# Complementary

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



843550



358469

# 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.



005E6E



843550



145C33

# Square

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



843550



5E4F10



005E50



01538A

# Rectangle

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



843550



7B4023



005E50



005C7D



# Sweetspot

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



843550



AB8C97



683584



57444A



D6D6D6



575757



# Same Dimension

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



843550



AB305A



844135



423C3E



82002C



030001



# Inverse Universe

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



843550



AB305A



357884



423C3E



82002C

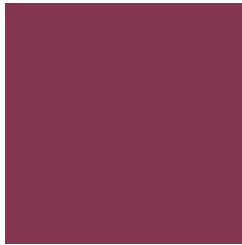


030001



# Previews

## White Background



This preview shows how the Hex color 843550 looks on a white background.

## Color Contrast Check

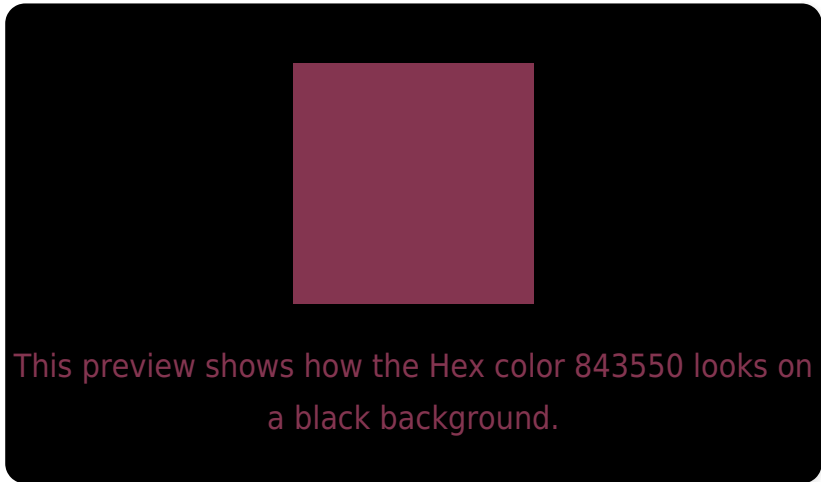
Large Text (above 18pt) WCAG AA ✓ Pass

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

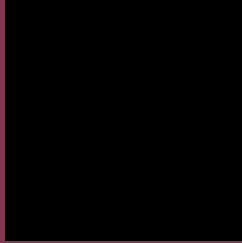
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 843550 Background



This preview shows how black text looks on a background with the Hex color 843550.

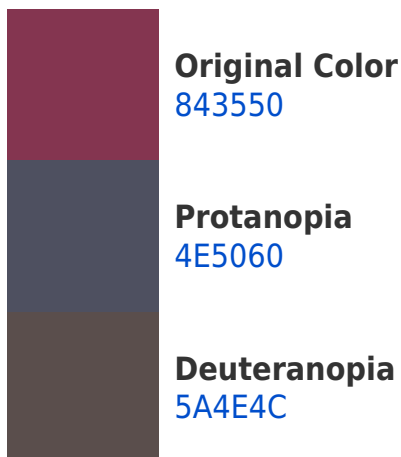



This preview shows how white text looks on a background with the Hex color 843550.

# 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





**Tritanopia**  
83393D

# Trichromacy



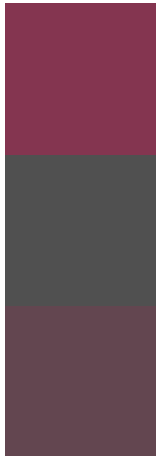
**Original Color**  
843550

**Protanomaly**  
62465A

**Deuteranomaly**  
69454D

**Tritanomaly**  
833844

# Monochromacy



**Original Color**  
843550

**Achromatopsia**  
505050

**Achromatomaly**  
634650

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 843550 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 #843550 looks like.

```
.text, #text, p{  
    color:#843550  
}
```

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 #843550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #843550
}
```

## Border

The CSS property to change the border of an element to Hex 843550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

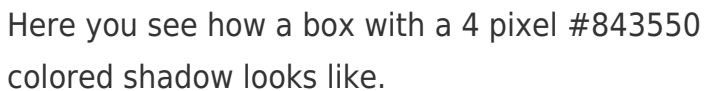
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#843550 }
```

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

```
.border{ border-color:#843550 }
```

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



Here you see how a box with a 4 pixel #843550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #843550; -webkit-box-shadow:4px 4px  
4px 4px #843550; box-shadow:4px 4px 4px  
4px #843550 }
```

# Background

The CSS property to change the background color of an element to Hex 843550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#843550 }
```

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

```
.background{ background-color:#843550 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor