

# Converting Colors

Hex(842F3E)

Have a look what the booklet for  
Hex(842F3E) contains.

<b>Hex(842F3E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(842F3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	842F3E
RGB	132, 47, 62
RGB Percent	52%, 18%, 24%
CMY	0.4824, 0.8157, 0.7569
CMYK	0.00, 0.64, 0.53, 0.48
HSL	349°, 47%, 35%
HSV	349°, 64%, 52%
XYZ	11.4017, 7.2864, 5.3629
YIQ	74.1250, 45.8450, 22.6850

# Conversions

## Conversions Part 2

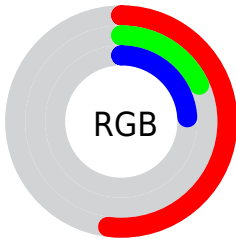
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 47, 62
Decimal	8662846
CIE Lab	32.45, 37.76, 10.22
CIE LCh	32, 39.116, 15.150
Yxy	7.2864, 0.4741, 0.3030
Android (android.graphics.Color)	4286852926 (0xFF842F3E)
YUV	74.1250, -5.9776, 50.7564
Hunter-Lab	26.9933, 28.1587, 7.1158

# Details

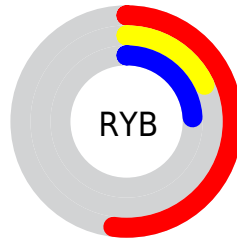
The Hex color **842F3E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2F8475**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BD626D**, and **4D0014** is the 20% darker color. If you saturate the color by 10%, you get **842233**, and if you desaturate by 10%, it is **843C49**.

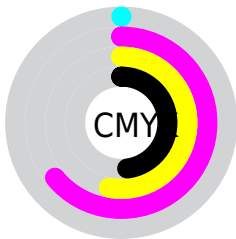
# Distribution



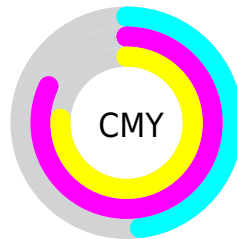
- Red (52%)
- Green (18%)
- Blue (24%)



- Red (52%)
- Yellow (18%)
- Blue (24%)



- Cyan (0%)
- Magenta (64%)
- Yellow (53%)
- Black (48%)



- Cyan (48%)
- Magenta (82%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 842F3E 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 842F3E by changing the saturation by 10% instead.



 842F3E

 842F3E

FFFFFF

 681428

 BD626D

 4D0014

 DA7C87

 350000

 F896A1

 0D0000

 FFB2BC

 000000

 FFCED7

 FFEAF4

 842F3E

 842F3E

 842233

 843C49

 841528

 844954

 84071D

 84575F

 840017

 846469

 847174

 847E7F

 848B8A

 849995

 84A6A0

# Harmonies

## Analogous

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



7C315D



842F3E



7C3922

# Triad

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



842F3E



29561E



005488

# Complementary

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



842F3E



2F8475

# 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.



005977



842F3E



005A3B

# Square

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



842F3E



4D5007



005B5C



2D4A88

# Rectangle

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



842F3E



704112



005B5C



005684



# Sweetspot

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



842F3E



AB8A90



742F84



574346



D6D6D6



575757



# Same Dimension

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



842F3E



AB273F



844A2F



423C3D



820017



030000



# Inverse Universe

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



842F3E



AB273F



2F6984



423C3D



820017



030000



# Previews

## White Background



This preview shows how the Hex color 842F3E looks on a white background.

## Color Contrast Check

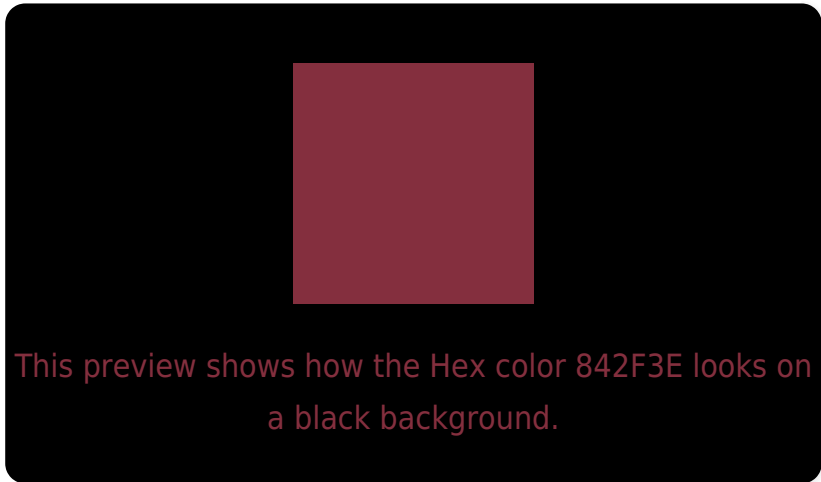
Large Text (above 18pt) WCAG AA ✓ Pass

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 842F3E Background



This preview shows how black text looks on a background with the Hex color 842F3E.



This preview shows how white text looks on a background with the Hex color 842F3E.

# 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**  
842F3E

**Protanopia**  
4F4D4D

**Deuteranopia**  
5B4A3A



**Tritanopia**  
833134

# Trichromacy



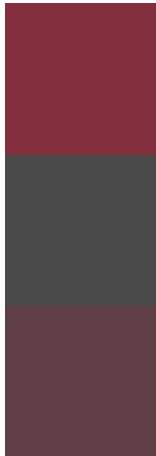
**Original Color**  
842F3E

**Protanomaly**  
624248

**Deuteranomaly**  
6A403B

**Tritanomaly**  
833038

# Monochromacy



**Original Color**  
842F3E

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5F4046

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 842F3E 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 #842F3E looks like.

```
.text, #text, p{  
    color:#842F3E  
}
```

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 #842F3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842F3E
}
```

## Border

The CSS property to change the border of an element to Hex 842F3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

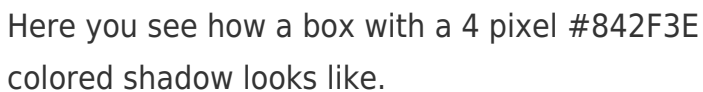
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842F3E }
```

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

```
.border{ border-color:#842F3E }
```

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



Here you see how a box with a 4 pixel #842F3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842F3E; -webkit-box-shadow:4px 4px  
4px 4px #842F3E; box-shadow:4px 4px 4px  
4px #842F3E }
```

# Background

The CSS property to change the background color of an element to Hex 842F3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842F3E }
```

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

```
.background{ background-color:#842F3E }
```

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