

# Converting Colors

Hex(823F3F)

Have a look what the booklet for  
Hex(823F3F) contains.

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# Color

**Hex(823F3F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	823F3F
RGB	130, 63, 63
RGB Percent	51%, 25%, 25%
CMY	0.4902, 0.7529, 0.7529
CMYK	0.00, 0.52, 0.52, 0.49
HSL	0°, 35%, 38%
HSV	0°, 52%, 51%
XYZ	11.8806, 8.6597, 5.7479
YIQ	83.0330, 39.9320, 14.2040

# Conversions

## Conversions Part 2

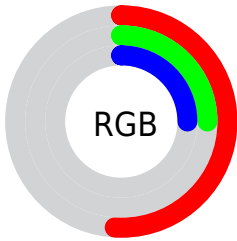
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 63, 63
Decimal	8535871
CIE Lab	35.32, 28.79, 13.46
CIE LCh	35, 31.779, 25.055
Yxy	8.6597, 0.4519, 0.3294
Android (android.graphics.Color)	4286725951 (0xFF823F3F)
YUV	83.0330, -9.8763, 41.1901
Hunter-Lab	29.4274, 20.5673, 9.0183

# Details

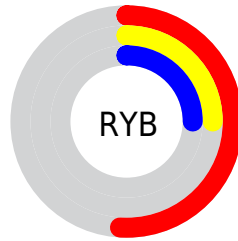
The Hex color **823F3F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3F8282**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BA706F**, and **4D0F15** is the 20% darker color. If you saturate the color by 10%, you get **823232**, and if you desaturate by 10%, it is **824C4C**.

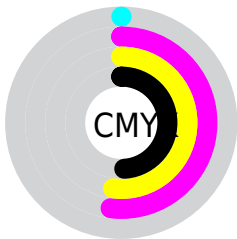
# Distribution



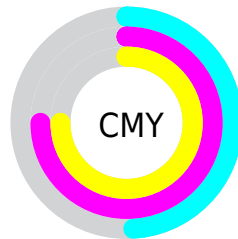
- Red (51%)
- Green (25%)
- Blue (25%)



- Red (51%)
- Yellow (25%)
- Blue (25%)



- Cyan (0%)
- Magenta (52%)
- Yellow (52%)
- Black (49%)



- Cyan (49%)
- Magenta (75%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 823F3F 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 823F3F by changing the saturation by 10% instead.





823F3F



823F3F

FFFFFF



672729



BA706F



4D0F15



D78A88



340000



F4A5A2



140000



FFC1BD



000000



FFDDD9



FFF9F5



823F3F



823F3F



823232



824C4C

822525

825959

821818

826666

820B0B

827373

820000

828080

828D8D

829A9A

82A7A7

82B4B4

# Harmonies

## Analogous

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



7F3E58



823F3F



78472A

# Triad

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



823F3F



2D5D35



125785

# Complementary

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



823F3F



3F8282

# 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.



005D7C



823F3F



00604E

# Square

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



823F3F



4D5823



006068



4E4E81

# Rectangle

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



823F3F



6C4D21



006068



005984



# Sweetspot

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



823F3F



A88F8F



823F82



544545



D4D4D4



545454



# Same Dimension

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



823F3F



A84040



82613F



403939



800000



000000



# Inverse Universe

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



3F8282



40A8A8



3F6182



394040



008080

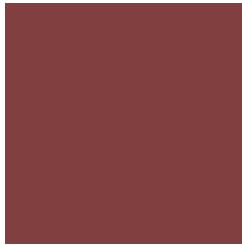


000000



# Previews

## White Background



This preview shows how the Hex color 823F3F looks on a white background.

## Color Contrast Check

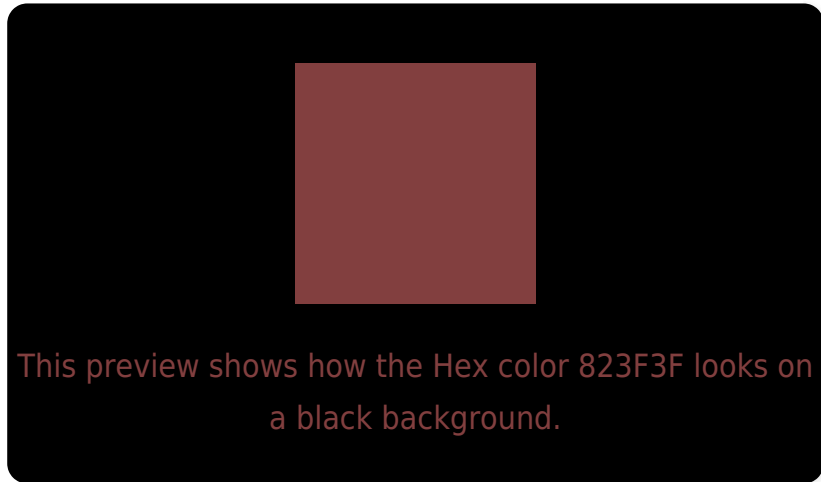
Large Text (above 18pt) WCAG AA ✓ Pass

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 823F3F Background



This preview shows how black text looks on a background with the Hex color 823F3F.

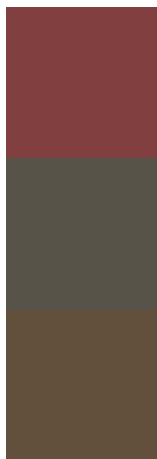


This preview shows how white text looks on a background with the Hex color 823F3F.

# 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](#).

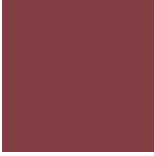
## Dichromacy



**Original Color**  
823F3F

**Protanopia**  
585349

**Deuteranopia**  
63503C



**Tritanopia**  
823E43

# Trichromacy



**Original Color**  
823F3F

**Protanomaly**  
674C45

**Deuteranomaly**  
6E4A3D

**Tritanomaly**  
823E42

# Monochromacy



**Original Color**  
823F3F

**Achromatopsia**  
535353

**Achromatomaly**  
644C4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 823F3F 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 #823F3F looks like.

```
.text, #text, p{  
    color:#823F3F  
}
```

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 #823F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823F3F
}
```

## Border

The CSS property to change the border of an element to Hex 823F3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

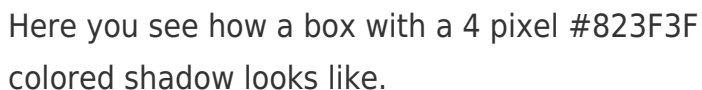
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823F3F }
```

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

```
.border{ border-color:#823F3F }
```

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



Here you see how a box with a 4 pixel #823F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823F3F; -webkit-box-shadow:4px 4px  
4px 4px #823F3F; box-shadow:4px 4px 4px  
4px #823F3F }
```

# Background

The CSS property to change the background color of an element to Hex 823F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823F3F }
```

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

```
.background{ background-color:#823F3F }
```

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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