

# Converting Colors

Hex(F83A3E)

Have a look what the booklet for  
Hex(F83A3E) contains.

<b>Hex(F83A3E)</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(F83A3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F83A3E
RGB	248, 58, 62
RGB Percent	97%, 23%, 24%
CMY	0.0275, 0.7725, 0.7569
CMYK	0.00, 0.77, 0.75, 0.03
HSL	359°, 93%, 60%
HSV	359°, 77%, 97%
XYZ	41.0940, 23.3304, 6.8947
YIQ	115.2660, 111.9560, 41.5240

# Conversions

## Conversions Part 2

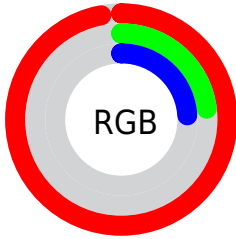
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 58, 62
Decimal	16267838
CIE Lab	55.41, 70.27, 43.41
CIE LCh	55, 82.598, 31.702
Yxy	23.3304, 0.5762, 0.3271
Android (android.graphics.Color)	4294457918 (0xFFFF83A3E)
YUV	115.2660, -26.2601, 116.4077
Hunter-Lab	48.3015, 67.3365, 25.3478

# Details

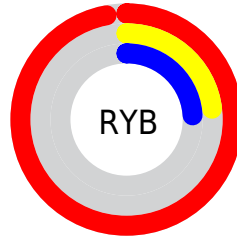
The Hex color **F83A3E** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3AF8F4**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF786E**, and **B70012** is the 20% darker color. If you saturate the color by 10%, you get **F82126**, and if you desaturate by 10%, it is **F85356**.

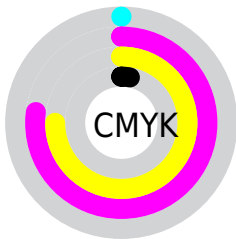
# Distribution



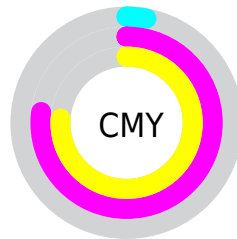
- Red (97%)
- Green (23%)
- Blue (24%)



- Red (97%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (77%)
- Yellow (75%)
- Black (3%)



- Cyan (3%)
- Magenta (77%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F83A3E 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 F83A3E by changing the saturation by 10% instead.



 F83A3E

 F83A3E

FFFFFF

 D70927

 FF786E

 B70012

 FF9688

 970000

 FFB3A2

 770000

 FFD1BD

 580002

 FFEFD9

 3A0002

 FFFFF6

 120000

 000000

 F83A3E

 F83A3E

 F82126

 F85356

 F8080D

 F86C6F

 F80005

 F88487

 F89D9F

 F8B6B7

 F8CFD0

 F8E8E8

 F8FFFF

# Harmonies

## Analogous

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



FE1884



F83A3E



D56500

# Triad

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



F83A3E



009F3B



008DFF

# Complementary

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



F83A3E



3AF8F4

# 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.



009DFF



F83A3E



00A387

# Square

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



F83A3E



539500



00A3CF



816FFF

# Rectangle

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



F83A3E



B17B00



00A3CF



0094FF



# Sweetspot

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



F83A3E



FFC4C6



F23AF8



805C5D



000000



808080



# Same Dimension

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



F83A3E



FF1419



F8933A



7D7071



BD0004



3D0001



# Inverse Universe

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



F83A3E



FF1419



3A9FF8



7D7071



BD0004



3D0001



# Previews

## White Background



This preview shows how the Hex color F83A3E looks on a white background.

## Color Contrast Check

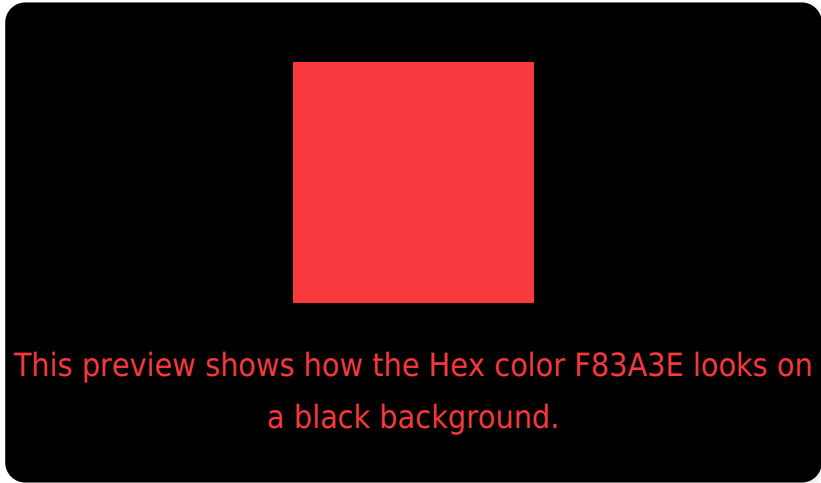
Large Text (above 18pt) WCAG AA ✓ Pass

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 F83A3E Background



This preview shows how black text looks on a background with the Hex color F83A3E.



This preview shows how white text looks on a background with the Hex color F83A3E.

# 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](#).

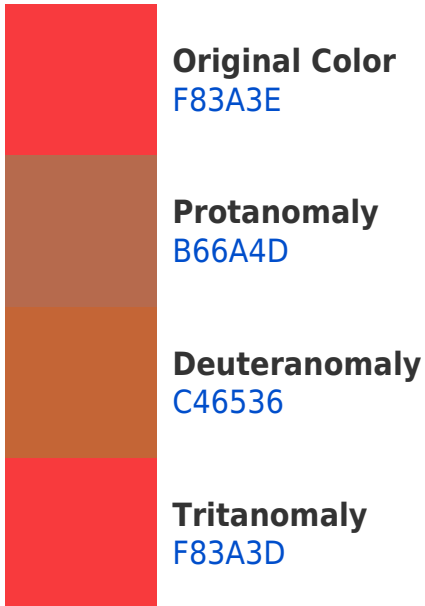
## Dichromacy



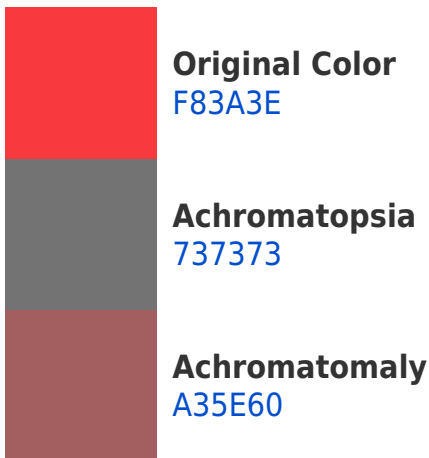


**Tritanopia**  
F83A3C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F83A3E 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 #F83A3E looks like.

```
.text, #text, p{  
    color:#F83A3E  
}
```

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 #F83A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F83A3E
}
```

## Border

The CSS property to change the border of an element to Hex F83A3E 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".

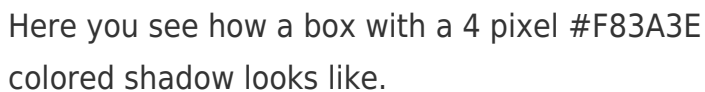
```
.border, #border, table{ border:4px solid
#F83A3E }
```

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

```
.border{ border-color:#F83A3E }
```

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

Here you see how a box with a 4 pixel #F83A3E colored shadow looks like.

A rectangular box with a red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F83A3E; -webkit-box-shadow:4px 4px  
4px 4px #F83A3E; box-shadow:4px 4px 4px  
4px #F83A3E }
```

# Background

The CSS property to change the background color of an element to Hex F83A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F83A3E }
```

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

```
.background{ background-color:#F83A3E }
```

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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