

# Converting Colors

Hex(F43A3A)

Have a look what the booklet for  
Hex(F43A3A) contains.

<b>Hex(F43A3A)</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(F43A3A)

# Conversions

## Conversions Part 1

Format	Color
Hex	F43A3A
RGB	244, 58, 58
RGB Percent	96%, 23%, 23%
CMY	0.0431, 0.7725, 0.7725
CMYK	0.00, 0.76, 0.76, 0.04
HSL	0°, 89%, 59%
HSV	0°, 76%, 96%
XYZ	39.5850, 22.5647, 6.2720
YIQ	113.6140, 110.8560, 39.4320

# Conversions

## Conversions Part 2

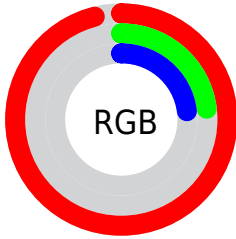
Format	Color
<a href="#">RYB</a>	<a href="#">244, 58, 58</a>
Decimal	<a href="#">16005690</a>
CIELab	<a href="#">54.62, 68.99, 44.52</a>
CIElCh	<a href="#">55, 82.110, 32.833</a>
Yxy	<a href="#">22.5647, 0.5785, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4294195770</a> ( <a href="#">0xFFFF43A3A</a> )
YUV	<a href="#">113.6140, -27.4177, 114.3485</a>
Hunter-Lab	<a href="#">47.5023, 65.6200, 25.4232</a>

# Details

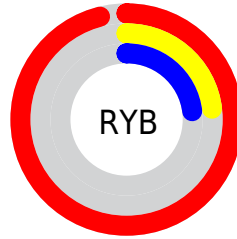
The Hex color **F43A3A** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3AF4F4**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF786A**, and **B3000E** is the 20% darker color. If you saturate the color by 10%, you get **F42222**, and if you desaturate by 10%, it is **F45252**.

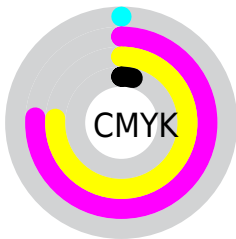
# Distribution



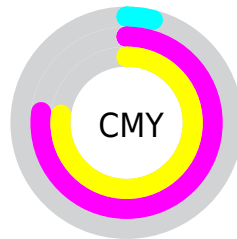
- Red (96%)
- Green (23%)
- Blue (23%)



- Red (96%)
- Yellow (23%)
- Blue (23%)



- Cyan (0%)
- Magenta (76%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (77%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F43A3A 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 F43A3A by changing the saturation by 10% instead.



 F43A3A

 F43A3A

FFFFFF

 D30B23

 FF786A

 B3000E

 FF9584

 930000

 FFB29E

 730000

 FFD0B9

 540002

 FFEED5

 360002

 FFFFF1

 070000

 000000

 F43A3A

 F43A3A

 F42222

 F45252

 F40909

 F46B6B

 F40000

 F48383

 F49C9C

 F4B4B4

 F4CCCC

 F4E5E5

 F4FDFD

 F4FFFF

# Harmonies

## Analogous

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



FB157F



F43A3A



D06500

# Triad

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



F43A3A



009D3C



008AFF

# Complementary

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



F43A3A



3AF4F4

# 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.



009AFF



F43A3A



00A088

# Square

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



F43A3A



4E9400



00A0CF



836CFC

# Rectangle

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



F43A3A



AD7A00



00A0CF



0091FF



# Sweetspot

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



F43A3A



FFC4C4



F43AF4



805C5C



000000



808080



# Same Dimension

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



F43A3A



FF1717



F4973A



7A6E6E



BA0000



3B0000



# Inverse Universe

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



3AF4F4



17FFFF



3A97F4



6E7A7A



00BABA



003B3B



# Previews

## White Background



This preview shows how the Hex color F43A3A looks on a white background.

## Color Contrast Check

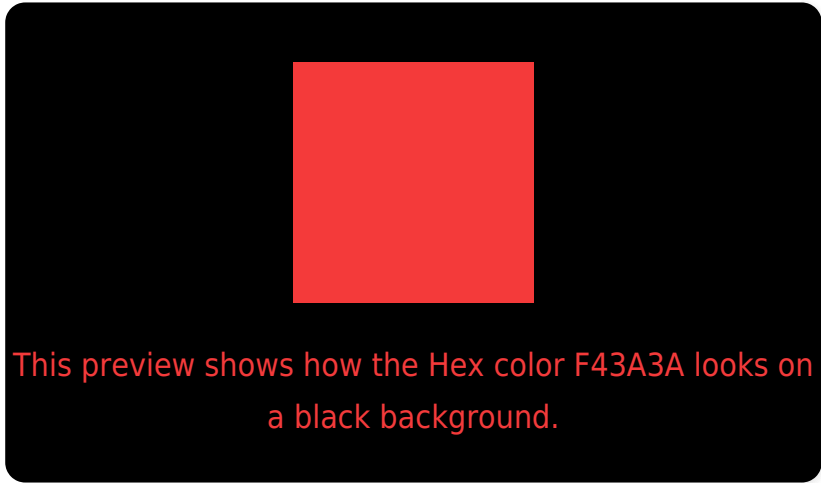
Large Text (above 18pt) WCAG AA ✓ Pass

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 F43A3A Background



This preview shows how black text looks on a background with the Hex color F43A3A.



This preview shows how white text looks on a background with the Hex color F43A3A.

# 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**  
F43A3A

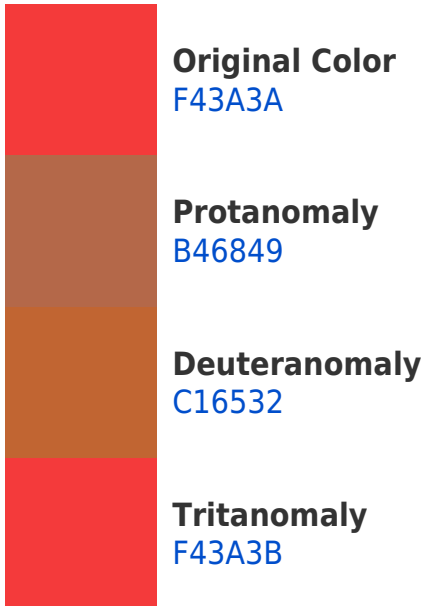
**Protanopia**  
8F8351

**Deuteranopia**  
A47D2D

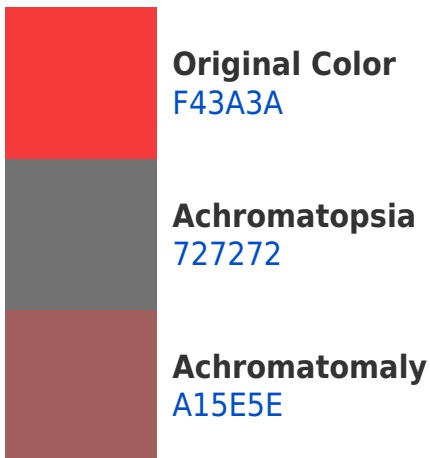


**Tritanopia**  
F43A3B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F43A3A 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 #F43A3A looks like.

```
.text, #text, p{  
    color:#F43A3A  
}
```

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 #F43A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F43A3A
}
```

## Border

The CSS property to change the border of an element to Hex F43A3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

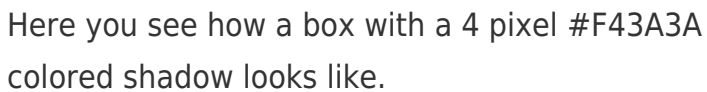
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F43A3A }
```

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

```
.border{ border-color:#F43A3A }
```

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



Here you see how a box with a 4 pixel #F43A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F43A3A; -webkit-box-shadow:4px 4px  
4px 4px #F43A3A; box-shadow:4px 4px 4px  
4px #F43A3A }
```

# Background

The CSS property to change the background color of an element to Hex F43A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F43A3A }
```

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

```
.background{ background-color:#F43A3A }
```

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