

# Converting Colors

Hex(F44D3E)

Have a look what the booklet for  
Hex(F44D3E) contains.

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**Color**

**Hex(F44D3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F44D3E
RGB	244, 77, 62
RGB Percent	96%, 30%, 24%
CMY	0.0431, 0.6980, 0.7569
CMYK	0.00, 0.68, 0.75, 0.04
HSL	5°, 89%, 60%
HSV	5°, 75%, 96%
XYZ	40.8316, 24.8887, 7.2094
YIQ	125.2230, 104.3470, 30.7390

# Conversions

## Conversions Part 2

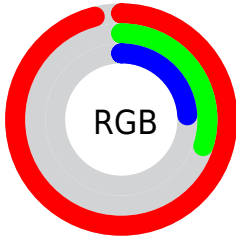
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	244, 78, 62
Decimal	16010558
CIE Lab	56.97, 62.76, 44.89
CIE LCh	57, 77.165, 35.576
Yxy	24.8887, 0.5599, 0.3413
Android (android.graphics.Color)	4294200638 (0xFFFF44D3E)
YUV	125.2230, -31.1689, 104.1674
Hunter-Lab	49.8885, 58.7896, 26.3540

# Details

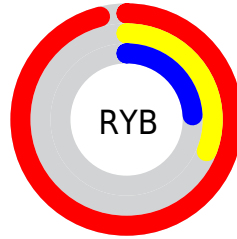
The Hex color **F44D3E** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3EE5F4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF876F**, and **B40011** is the 20% darker color. If you saturate the color by 10%, you get **F43726**, and if you desaturate by 10%, it is **F46356**.

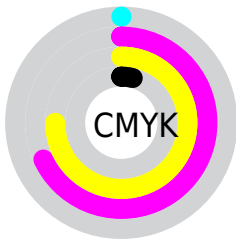
# Distribution



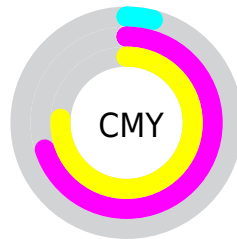
- Red (96%)
- Green (30%)
- Blue (24%)



- Red (96%)
- Yellow (31%)
- Blue (24%)



- Cyan (0%)
- Magenta (68%)
- Yellow (75%)
- Black (4%)



- Cyan (4%)
- Magenta (70%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F44D3E 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 F44D3E by changing the saturation by 10% instead.



 F44D3E

 F44D3E

FFFFFF

 D42D27

 FF876F

 B40011

 FFA388

 940000

 FFC0A3

 750000

 FFDDBE

 560001

 FFFBDA

 390002

 FFFFF7

 100000

 000000

 F44D3E

 F44D3E

 F43726

 F46356

 F4200D

 F47A6F

 F41400

 F49087

 F4A7A0

 F4BDB8

 F4D3D0

 F4EAE9

 F4FFFF

# Harmonies

## Analogous

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



FD347F



F44D3E



D07000

# Triad

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



F44D3E



00A34D



008DFF

# Complementary

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



F44D3E



3EE5F4

# 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.



009EFF



F44D3E



00A694

# Square

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



F44D3E



529A00



00A5D6



9670F7

# Rectangle

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



F44D3E



AD8200



00A5D6



0094FF



# Sweetspot

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



F44D3E



FFCC7



F43EE8



80615E



000000



808080



# Same Dimension

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



F44D3E



FF2C19



F4A53E



7A6F6E



BA0F00



3B0500

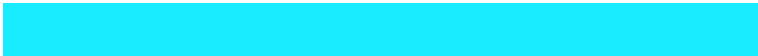


# Inverse Universe

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



3EE5F4



19ECFF



3E8DF4



6E797A



00ABBA



00363B



# Previews

## White Background



This preview shows how the Hex color F44D3E looks on a white background.

## Color Contrast Check

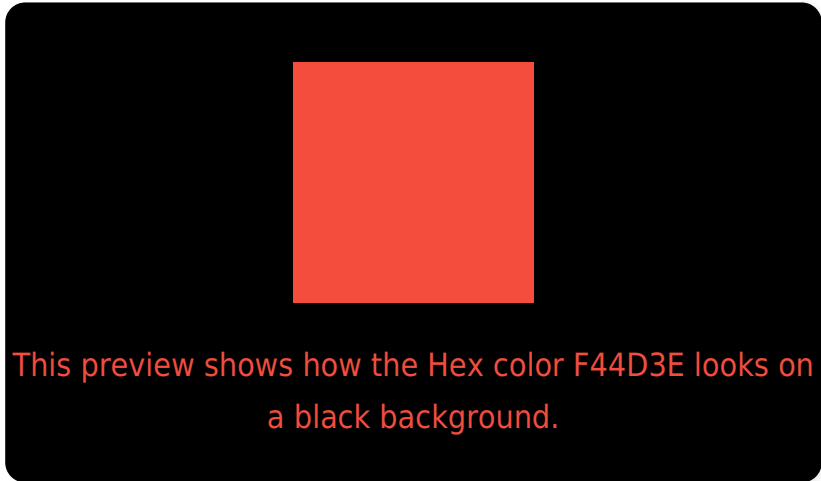
Large Text (above 18pt) WCAG AA ✓ Pass

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 F44D3E Background



This preview shows how black text looks on a background with the Hex color F44D3E.



This preview shows how white text looks on a background with the Hex color F44D3E.

# 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**  
F44D3E

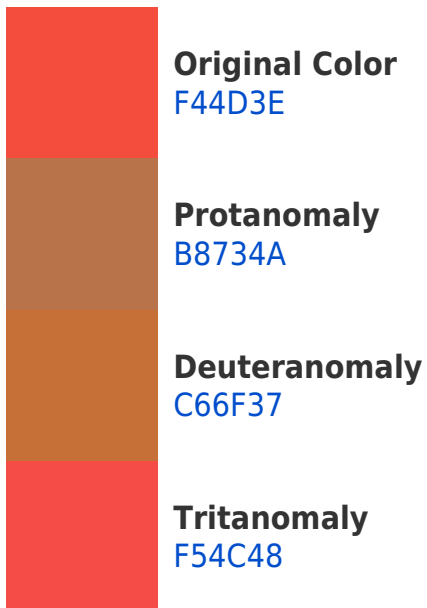
**Protanopia**  
968951

**Deuteranopia**  
AB8233



**Tritanopia**  
F54B4E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F44D3E 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 #F44D3E looks like.

```
.text, #text, p{  
  color:#F44D3E  
}
```

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 #F44D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F44D3E
}
```

## Border

The CSS property to change the border of an element to Hex F44D3E 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".

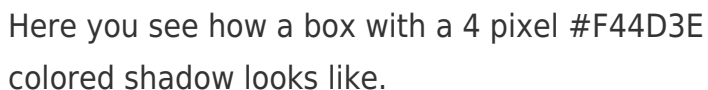
```
.border, #border, table{ border:4px solid
#F44D3E }
```

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

```
.border{ border-color:#F44D3E }
```

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

Here you see how a box with a 4 pixel #F44D3E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F44D3E; -webkit-box-shadow:4px 4px  
4px 4px #F44D3E; box-shadow:4px 4px 4px  
4px #F44D3E }
```

# Background

The CSS property to change the background color of an element to Hex F44D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F44D3E }
```

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

```
.background{ background-color:#F44D3E }
```

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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