

# Converting Colors

Hex(F52C3E)

Have a look what the booklet for  
Hex(F52C3E) contains.

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**Color**

**Hex(F52C3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F52C3E
RGB	245, 44, 62
RGB Percent	96%, 17%, 24%
CMY	0.0392, 0.8275, 0.7569
CMYK	0.00, 0.82, 0.75, 0.04
HSL	355°, 91%, 57%
HSV	355°, 82%, 96%
XYZ	39.4264, 21.5616, 6.6412
YIQ	106.1510, 114.0180, 48.2100

# Conversions

## Conversions Part 2

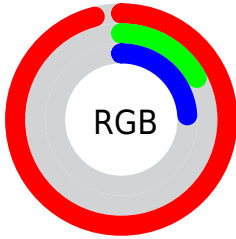
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 44, 62
Decimal	16067646
CIE Lab	53.56, 73.07, 41.20
CIE LCh	54, 83.888, 29.416
Yxy	21.5616, 0.5830, 0.3188
Android (android.graphics.Color)	4294257726 (0xFFFF52C3E)
YUV	106.1510, -21.7664, 121.7706
Hunter-Lab	46.4345, 70.2994, 24.0243

# Details

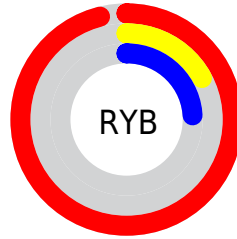
The Hex color **F52C3E** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2CF5E3**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6F6E**, and **B40013** is the 20% darker color. If you saturate the color by 10%, you get **F51328**, and if you desaturate by 10%, it is **F54454**.

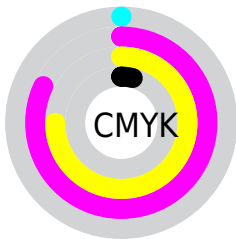
# Distribution



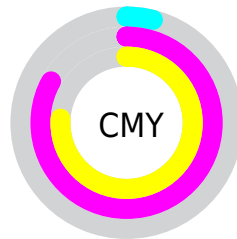
- Red (96%)
- Green (17%)
- Blue (24%)



- Red (96%)
- Yellow (17%)
- Blue (24%)



- Cyan (0%)
- Magenta (82%)
- Yellow (75%)
- Black (4%)



- Cyan (4%)
- Magenta (83%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F52C3E 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 F52C3E by changing the saturation by 10% instead.



 F52C3E

 F52C3E

FFFFFF

 D40028

 FF6F6E

 B40013

 FF8D87

 940000

 FFAAA2

 740000

 FFC8BD

 550003

 FFE6D9

 360002

 FFFFF5

 060000

 000000

 F52C3E

 F52C3E

 F51328

 F54454

 F50016

 F55D6B

 F57681

 F58E97

 F5A6AE

 F5BFC4

 F5D7DA

 F5F0F0

 F5FFFF

# Harmonies

## Analogous

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



F80085



F52C3E



D35D00

# Triad

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



F52C3E



00992E



008AFF

# Complementary

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



F52C3E



2CF5E3

# 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.



0099FD



F52C3E



009E7C

# Square

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



F52C3E



549000



009EC6



6F6DFE

# Rectangle

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



F52C3E



B17400



009EC6



0091FF



# Sweetspot

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



F52C3E



FFBFC5



E12CF5



80595D



000000



808080



# Same Dimension

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



F52C3E



FF051B



F57C2C



7A6E6F



BA0011



3B0005



# Inverse Universe

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



F52C3E



FF051B



2CA5F5



7A6E6F



BA0011



3B0005



# Previews

## White Background



This preview shows how the Hex color F52C3E looks on a white background.

## Color Contrast Check

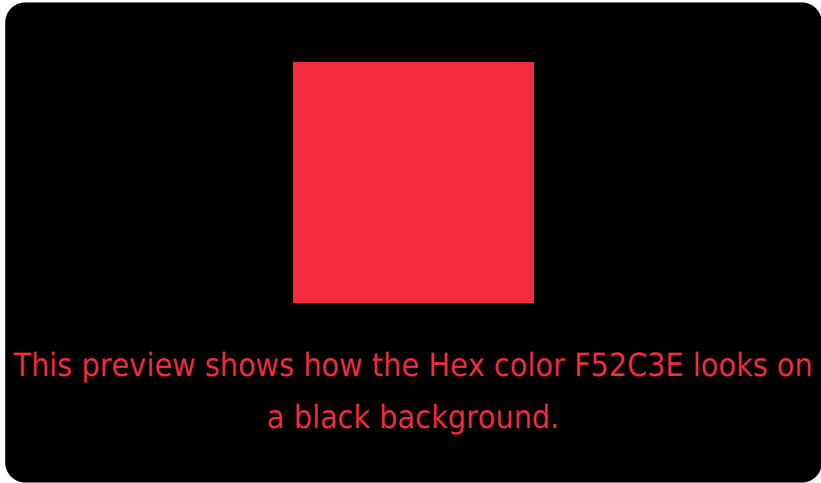
Large Text (above 18pt) WCAG AA ✓ Pass

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 F52C3E Background



This preview shows how black text looks on a background with the Hex color F52C3E.

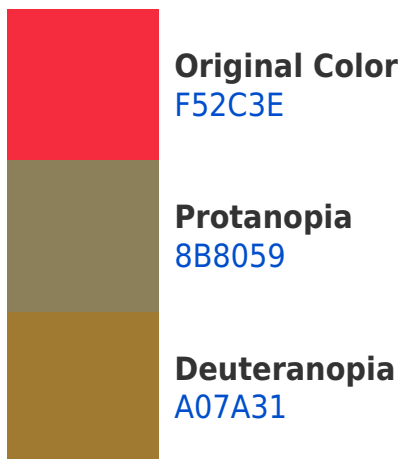


This preview shows how white text looks on a background with the Hex color F52C3E.

# 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





# Trichromacy



**Original Color**  
F52C3E

**Protanomaly**  
B2614F

**Deuteranomaly**  
BF5E36

**Tritanomaly**  
F52E34

# Monochromacy



**Original Color**  
F52C3E

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
9D535A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F52C3E 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 #F52C3E looks like.

```
.text, #text, p{  
    color:#F52C3E  
}
```

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 #F52C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F52C3E
}
```

## Border

The CSS property to change the border of an element to Hex F52C3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

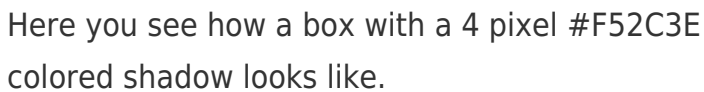
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F52C3E }
```

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

```
.border{ border-color:#F52C3E }
```

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



Here you see how a box with a 4 pixel #F52C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F52C3E; -webkit-box-shadow:4px 4px  
4px 4px #F52C3E; box-shadow:4px 4px 4px  
4px #F52C3E }
```

# Background

The CSS property to change the background color of an element to Hex F52C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F52C3E }
```

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

```
.background{ background-color:#F52C3E }
```

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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