

# Converting Colors

Hex(EF4437)

Have a look what the booklet for  
Hex(EF4437) contains.

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**Color**

**Hex(EF4437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF4437
RGB	239, 68, 55
RGB Percent	94%, 27%, 22%
CMY	0.0627, 0.7333, 0.7843
CMYK	0.00, 0.72, 0.77, 0.06
HSL	4°, 85%, 58%
HSV	4°, 77%, 94%
XYZ	38.3533, 22.7608, 5.9863
YIQ	117.6470, 106.0890, 32.2090

# Conversions

## Conversions Part 2

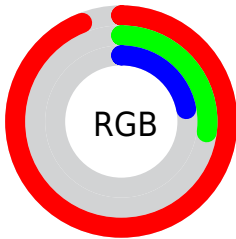
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 69, 55
Decimal	15680567
CIE <sub>Lab</sub>	54.83, 64.20, 46.06
CIE <sub>LCh</sub>	55, 79.015, 35.659
Yxy	22.7608, 0.5716, 0.3392
Android (android.graphics.Color)	4293870647 (0xFFEF4437)
YUV	117.6470, -30.8850, 106.4266
Hunter-Lab	47.7083, 60.0090, 25.9563

# Details

The Hex color **EF4437** 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 **37E2EF**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF7F67**, and **AE0009** is the 20% darker color. If you saturate the color by 10%, you get **EF2E1F**, and if you desaturate by 10%, it is **EF5A4F**.

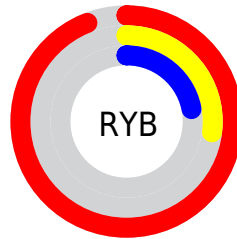
# Distribution



Red (94%)

Green (27%)

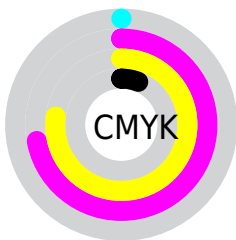
Blue (22%)



Red (94%)

Yellow (27%)

Blue (22%)

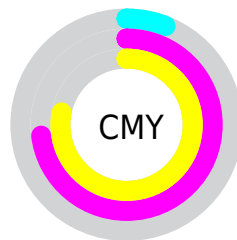


Cyan (0%)

Magenta (72%)

Yellow (77%)

Black (6%)



Cyan (6%)

Magenta (73%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF4437 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 EF4437 by changing the saturation by 10% instead.



 EF4437

 EF4437

FFFFFF

 CF2120

 FF7F67

 AE0009

 FF9B81

 8F0000

 FFB89B

 6F0000

 FFD6B6

 510002

 FFF3D2

 330002

 FFFFEE

 000000

 EF4437

 EF4437

 EF2E1F

 EF5A4F

 EF1807

 EF7067

 EF1100

 EF877F

 EF9D97

 EFB3AE

 EFC9C6

 EFDFDE

 EFF6F6

 EFFFFF

# Harmonies

## Analogous

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



F92579



EF4437



CA6A00

# Triad

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



EF4437



009D47



0088FF

# Complementary

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



EF4437



37E2EF

# 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.



0099FF



EF4437



00A08F

# Square

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



EF4437



499500



00A0D2



906AF4

# Rectangle

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



EF4437



A77D00



00A0D2



008FFF



# Sweetspot

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



EF4437



FFC8C4



EF37E3



805E5C



000000



808080



# Same Dimension

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



EF4437



FF2514



EF9F37



786D6C



B80D00



380400



# Inverse Universe

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



37E2EF



14EEFF



3787EF



6C7778



00ABB8



003438



# Previews

## White Background



This preview shows how the Hex color EF4437 looks on a white background.

## Color Contrast Check

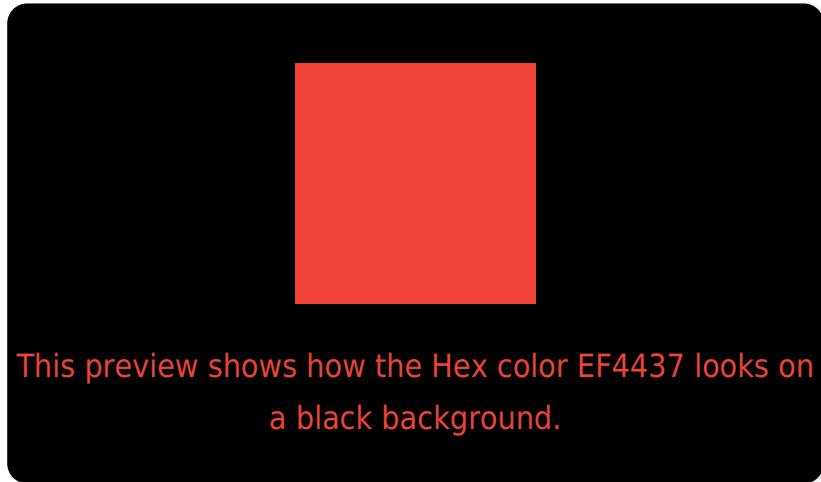
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF4437 Background



This preview shows how black text looks on a background with the Hex color EF4437.



This preview shows how white text looks on a background with the Hex color EF4437.

# 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**  
EF4437

**Protanopia**  
91844A

**Deuteranopia**  
A57D2A



# Trichromacy



**Original Color**  
EF4437

**Protanomaly**  
B36D43

**Deuteranomaly**  
C0682F

**Tritanomaly**  
EF4340

# Monochromacy



**Original Color**  
EF4437

**Achromatopsia**  
767676

**Achromatomaly**  
A2645F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF4437 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 #EF4437 looks like.

```
.text, #text, p{  
    color:#EF4437  
}
```

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 #EF4437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF4437
}
```

## Border

The CSS property to change the border of an element to Hex EF4437 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
#EF4437 }
```

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

```
.border{ border-color:#EF4437 }
```

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

Here you see how a box with a 4 pixel #EF4437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF4437; -webkit-box-shadow:4px 4px  
4px 4px #EF4437; box-shadow:4px 4px 4px  
4px #EF4437 }
```

# Background

The CSS property to change the background color of an element to Hex EF4437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF4437 }
```

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

```
.background{ background-color:#EF4437 }
```

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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