

# Converting Colors

Hex(EF4037)

Have a look what the booklet for  
Hex(EF4037) contains.

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# Color

**Hex(EF4037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EF4037
RGB	239, 64, 55
RGB Percent	94%, 25%, 22%
CMY	0.0627, 0.7490, 0.7843
CMYK	0.00, 0.73, 0.77, 0.06
HSL	3°, 85%, 58%
HSV	3°, 77%, 94%
XYZ	38.1196, 22.2933, 5.9084
YIQ	115.2990, 107.1890, 34.3010

# Conversions

## Conversions Part 2

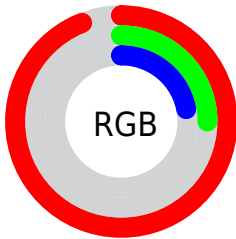
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 64, 55
Decimal	15679543
CIE <sub>Lab</sub>	54.34, 65.55, 45.55
CIE <sub>LCh</sub>	54, 79.826, 34.796
Yxy	22.2933, 0.5748, 0.3361
Android (android.graphics.Color)	4293869623 (0xFFEF4037)
YUV	115.2990, -29.7274, 108.4858
Hunter-Lab	47.2158, 61.4838, 25.6318

# Details

The Hex color **EF4037** 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 **37E6EF**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7C67**, and **AE000A** is the 20% darker color. If you saturate the color by 10%, you get **EF291F**, and if you desaturate by 10%, it is **EF574F**.

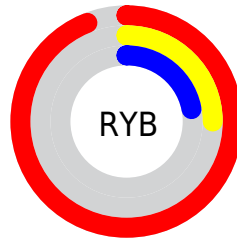
# Distribution



Red (94%)

Green (25%)

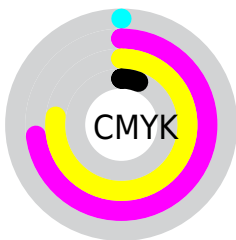
Blue (22%)



Red (94%)

Yellow (25%)

Blue (22%)

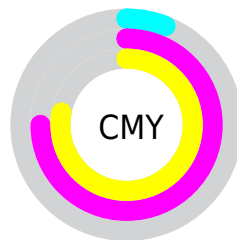


Cyan (0%)

Magenta (73%)

Yellow (77%)

Black (6%)



Cyan (6%)

Magenta (75%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF4037 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 EF4037 by changing the saturation by 10% instead.



 EF4037

 EF4037

FFFFFF

 CF1B20

 FF7C67

 AE000A

 FF9881

 8F0000

 FFB59B

 6F0000

 FFD3B6

 500002

 FFF0D2

 330002

 FFFFEE

 000000

 EF4037

 EF4037

 EF291F

 EF574F

 EF1307

 EF6D67

 EF0C00

 EF847F

 EF9B97

 EFB2AE

 EFC8C6

 EFD FDE

 EFF6F6

 EFFFFFF

# Harmonies

## Analogous

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



F81F7A



EF4037



CA6700

# Triad

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



EF4037



009C43



0088FF

# Complementary

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



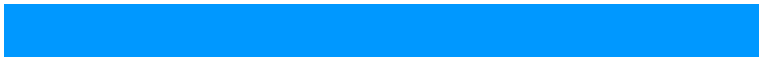
EF4037



37E6EF

# 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.



0098FF



EF4037



009F8C

# Square

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



EF4037



499300



009FD0



8B69F5

# Rectangle

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



EF4037



A87B00



009FD0



008FFF



# Sweetspot

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



EF4037



FFC7C4



EF37E9



805E5C



000000



808080



# Same Dimension

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



EF4037



FF2014



EF9937



786C6C



B80900



380300



# Inverse Universe

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



37E6EF



14F4FF



378DEF



6C7778



00AFB8



003538



# Previews

## White Background



This preview shows how the Hex color EF4037 looks on a white background.

## Color Contrast Check

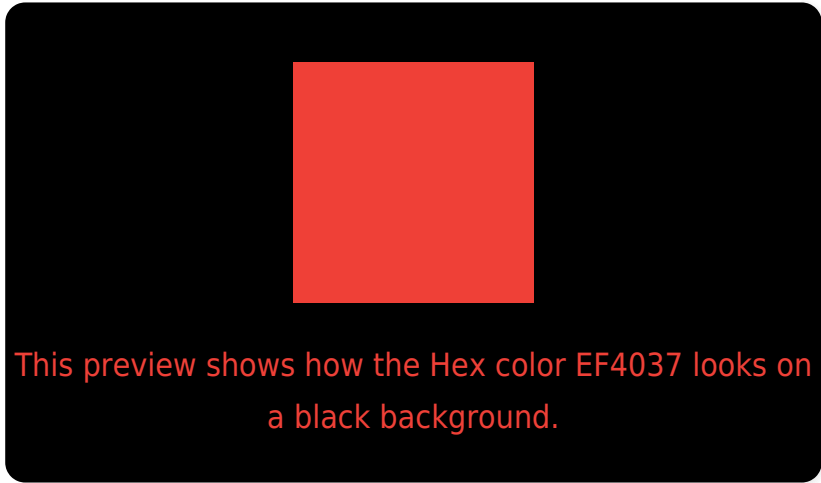
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF4037 Background



This preview shows how black text looks on a background with the Hex color EF4037.

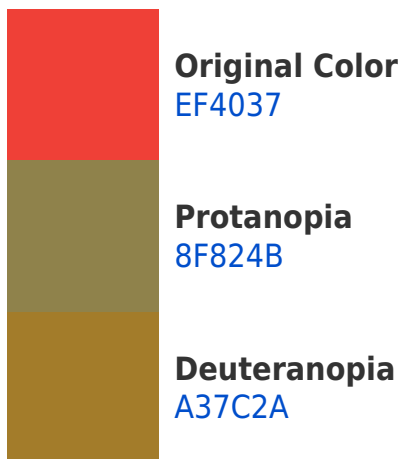


This preview shows how white text looks on a background with the Hex color EF4037.

# 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**  
EF3F41

# Trichromacy



**Original Color**  
EF4037

**Protanomaly**  
B26A44

**Deuteranomaly**  
BF662F

**Tritanomaly**  
EF3F3D

# Monochromacy



**Original Color**  
EF4037

**Achromatopsia**  
737373

**Achromatomaly**  
A0605D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF4037 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 #EF4037 looks like.

```
.text, #text, p{  
    color:#EF4037  
}
```

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 #EF4037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF4037
}
```

## Border

The CSS property to change the border of an element to Hex EF4037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

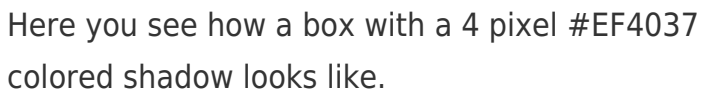
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EF4037 }
```

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

```
.border{ border-color:#EF4037 }
```

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



Here you see how a box with a 4 pixel #EF4037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF4037; -webkit-box-shadow:4px 4px  
4px 4px #EF4037; box-shadow:4px 4px 4px  
4px #EF4037 }
```

# Background

The CSS property to change the background color of an element to Hex EF4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF4037 }
```

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

```
.background{ background-color:#EF4037 }
```

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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