

# Converting Colors

Hex(EF5F34)

Have a look what the booklet for  
Hex(EF5F34) contains.

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**Color**

**Hex(EF5F34)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF5F34
RGB	239, 95, 52
RGB Percent	94%, 37%, 20%
CMY	0.0627, 0.6275, 0.7961
CMYK	0.00, 0.60, 0.78, 0.06
HSL	14°, 85%, 57%
HSV	14°, 78%, 94%
XYZ	40.3086, 26.7831, 6.2940
YIQ	133.1540, 99.6270, 17.1550

# Conversions

## Conversions Part 2

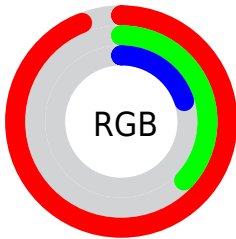
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 108, 52
Decimal	15687476
CIE <sub>Lab</sub>	58.77, 53.36, 51.59
CIE <sub>LCh</sub>	59, 74.219, 44.034
Yxy	26.7831, 0.5493, 0.3650
Android (android.graphics.Color)	4293877556 (0xFFEF5F34)
YUV	133.1540, -40.0089, 92.8269
Hunter-Lab	51.7524, 48.4626, 29.0160

# Details

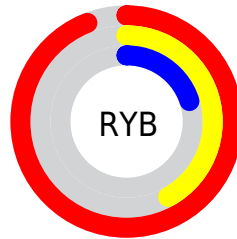
The Hex color **EF5F34** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **34C4EF**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF9666**, and **AF2600** is the 20% darker color. If you saturate the color by 10%, you get **EF4D1C**, and if you desaturate by 10%, it is **EF714C**.

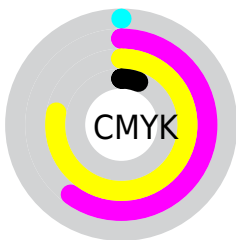
# Distribution



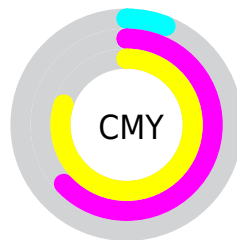
- Red (94%)
- Green (37%)
- Blue (20%)



- Red (94%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (78%)
- Black (6%)



- Cyan (6%)
- Magenta (63%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF5F34 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 EF5F34 by changing the saturation by 10% instead.



 EF5F34

 EF5F34

FFFFFF

 CF431B

 FF9666

 AF2600

 FFB27F

 900000

 FFCF9A

 710000

 FFECB5

 530000

 FFFFD1

 380002

 FFFFEE

 0D0000

 000000

 EF5F34

 EF5F34

 EF4D1C

 EF714C

 EF3A04

 EF8464

 EF3700

 EF967C

 EFA994

 EFBBAB

 EFCDC3

 EFE0DB

 EFF2F3

 EFFFFFF

# Harmonies

## Analogous

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



FF4472



EF5F34



C67E00

# Triad

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



EF5F34



00A867



188BFF

# Complementary

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



EF5F34



34C4EF

# 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.



009FFF



EF5F34



00ABAB

# Square

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



EF5F34



3EA122



00A8E7



B66DEC

# Rectangle

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



EF5F34



A28E00



00A8E7



0093FF



# Sweetspot

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



EF5F34



FFD2C4



EF34C6



80645C



000000



808080



# Same Dimension

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



EF5F34



FF460F



EFBA34



786F6C



B82A00



380D00



# Inverse Universe

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



34C4EF



0FC8FF



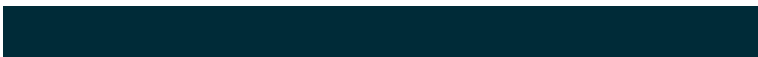
3469EF



6C7578



008DB8



002B38



# Previews

## White Background



This preview shows how the Hex color EF5F34 looks on a white background.

## Color Contrast Check

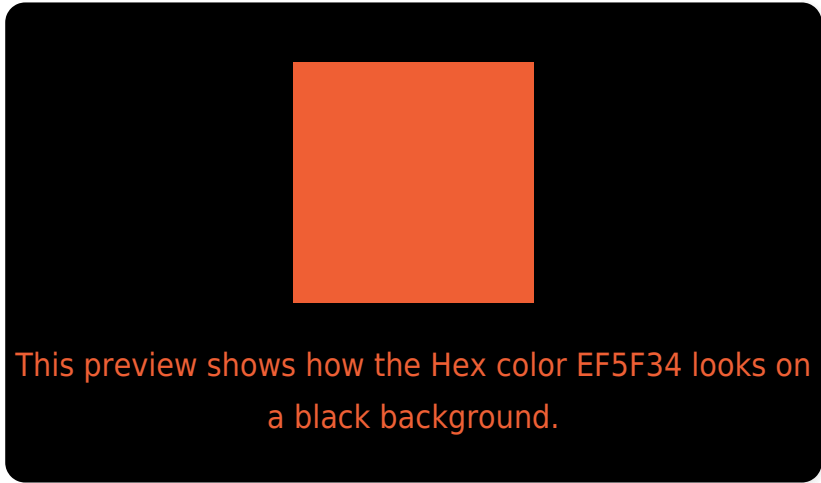
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF5F34 Background



This preview shows how black text looks on a background with the Hex color EF5F34.



This preview shows how white text looks on a background with the Hex color EF5F34.

# 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**  
EF5F34

**Protanopia**  
9D8E41

**Deuteranopia**  
B28729



**Tritanopia**  
F15A5F

# Trichromacy



**Original Color**  
EF5F34

**Protanomaly**  
BB7D3C

**Deuteranomaly**  
C8782D

**Tritanomaly**  
F05C4F

# Monochromacy



**Original Color**  
EF5F34

**Achromatopsia**  
858585

**Achromatomaly**  
AC7768

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF5F34 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 #EF5F34 looks like.

```
.text, #text, p{  
    color:#EF5F34  
}
```

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 #EF5F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF5F34
}
```

## Border

The CSS property to change the border of an element to Hex EF5F34 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
#EF5F34 }
```

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

```
.border{ border-color:#EF5F34 }
```

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

Here you see how a box with a 4 pixel #EF5F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF5F34; -webkit-box-shadow:4px 4px  
4px 4px #EF5F34; box-shadow:4px 4px 4px  
4px #EF5F34 }
```

# Background

The CSS property to change the background color of an element to Hex EF5F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF5F34 }
```

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

```
.background{ background-color:#EF5F34 }
```

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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