

# Converting Colors

Hex(EF3340)

Have a look what the booklet for  
Hex(EF3340) contains.

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**Color**

**Hex(EF3340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF3340
RGB	239, 51, 64
RGB Percent	94%, 20%, 25%
CMY	0.0627, 0.8000, 0.7490
CMYK	0.00, 0.79, 0.73, 0.06
HSL	356°, 85%, 57%
HSV	356°, 79%, 94%
XYZ	37.7058, 21.0885, 6.9337
YIQ	108.6940, 107.8750, 43.8990

# Conversions

## Conversions Part 2

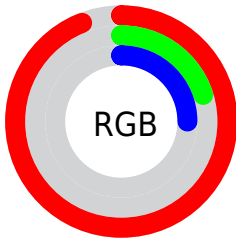
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 51, 64
Decimal	15676224
CIE <sub>Lab</sub>	53.05, 69.78, 39.18
CIE <sub>LCh</sub>	53, 80.023, 29.314
Yxy	21.0885, 0.5737, 0.3208
Android (android.graphics.Color)	4293866304 (0xFFEF3340)
YUV	108.6940, -22.0341, 114.2784
Hunter-Lab	45.9223, 66.1988, 23.1936

# Details

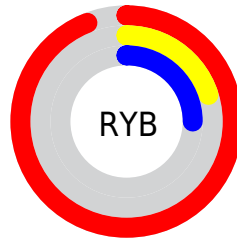
The Hex color **EF3340** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **33EFE2**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7270**, and **AE0015** is the 20% darker color. If you saturate the color by 10%, you get **EF1B2A**, and if you desaturate by 10%, it is **EF4B56**.

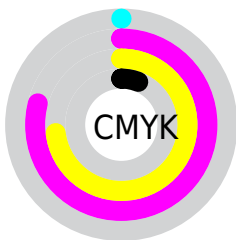
# Distribution



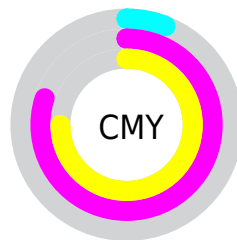
- Red (94%)
- Green (20%)
- Blue (25%)



- Red (94%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (79%)
- Yellow (73%)
- Black (6%)



- Cyan (6%)
- Magenta (80%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EF3340 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 EF3340 by changing the saturation by 10% instead.



 EF3340

 EF3340

FFFFFF

 CF002A

 FF7270

 AE0015

 FF908A

 8F0000

 FFADA4

 6F0000

 FFCBBF

 500003

 FFE8DB

 320002

 FFFFF8

 000000

 EF3340

 EF3340

 EF1B2A

 EF4B56

 EF0314

 EF636C

 EF0011

 EF7B83

 EF9399

 EFAAAF

 EFC2C5

 EFDADC

 EFF2F2

 EFFFFFF

# Harmonies

## Analogous

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



F21783



EF3340



CF5D00

# Triad

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



EF3340



009731



0088FF

# Complementary

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



EF3340



33EFE2

# 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.



0097F6



EF3340



009B7B

# Square

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



EF3340



568E00



009CC1



6F6DF8

# Rectangle

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



EF3340



AE7300



009CC1



008FFF



# Sweetspot

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



EF3340



FFC2C6



DF33EF



805B5D



000000



808080



# Same Dimension

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



EF3340



FF0F20



EF8133



786C6D



B8000D



380004



# Inverse Universe

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



EF3340



FF0F20



33A1EF



786C6D



B8000D



380004



# Previews

## White Background



This preview shows how the Hex color EF3340 looks on a white background.

## Color Contrast Check

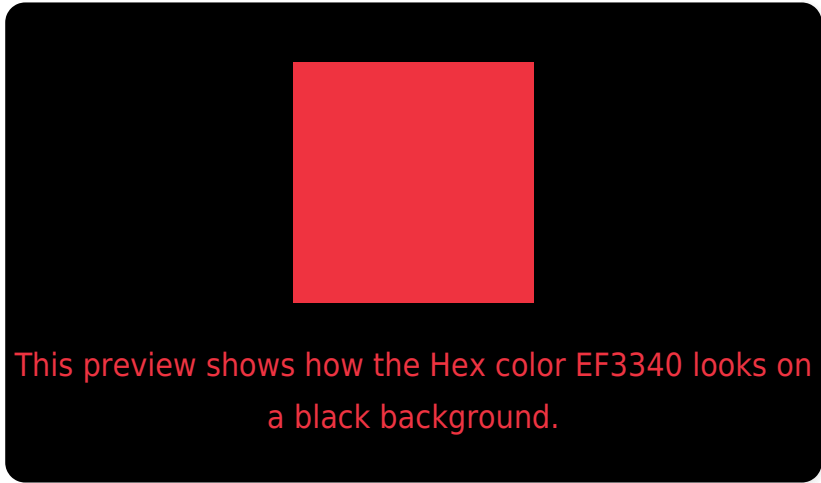
Large Text (above 18pt) WCAG AA ✓ Pass

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 EF3340 Background



This preview shows how black text looks on a background with the Hex color EF3340.



This preview shows how white text looks on a background with the Hex color EF3340.

# 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**  
EF3340

**Protanopia**  
897F59

**Deuteranopia**  
9E7934



# Trichromacy



**Original Color**  
EF3340

**Protanomaly**  
AE6350

**Deuteranomaly**  
BB6038

**Tritanomaly**  
EF343A

# Monochromacy



**Original Color**  
EF3340

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
9C585D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EF3340 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 #EF3340 looks like.

```
.text, #text, p{  
    color:#EF3340  
}
```

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 #EF3340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EF3340
}
```

## Border

The CSS property to change the border of an element to Hex EF3340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

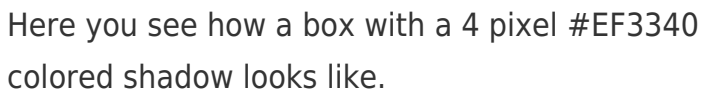
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EF3340 }
```

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

```
.border{ border-color:#EF3340 }
```

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



Here you see how a box with a 4 pixel #EF3340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EF3340; -webkit-box-shadow:4px 4px  
4px 4px #EF3340; box-shadow:4px 4px 4px  
4px #EF3340 }
```

# Background

The CSS property to change the background color of an element to Hex EF3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EF3340 }
```

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

```
.background{ background-color:#EF3340 }
```

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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