

# Converting Colors

Hex(E93F2F)

Have a look what the booklet for  
Hex(E93F2F) contains.

<b>Hex(E93F2F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(E93F2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	E93F2F
RGB	233, 63, 47
RGB Percent	91%, 25%, 18%
CMY	0.0863, 0.7529, 0.8157
CMYK	0.00, 0.73, 0.80, 0.09
HSL	5°, 81%, 55%
HSV	5°, 80%, 91%
XYZ	35.8949, 21.0839, 4.8671
YIQ	112.0060, 106.4560, 31.0640

# Conversions

## Conversions Part 2

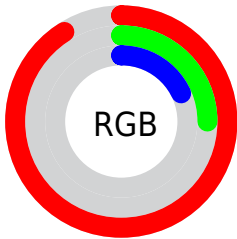
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	233, 65, 47
Decimal	15286063
CIE <sub>Lab</sub>	53.04, 63.82, 48.06
CIE <sub>LCh</sub>	53, 79.890, 36.980
Yxy	21.0839, 0.5804, 0.3409
Android (android.graphics.Color)	4293476143 (0xFFE93F2F)
YUV	112.0060, -32.0480, 106.1117
Hunter-Lab	45.9172, 59.1838, 25.8575

# Details

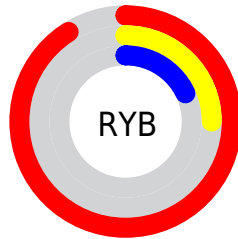
The Hex color **E93F2F** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **2FD9E9**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7A5F**, and **A90000** is the 20% darker color. If you saturate the color by 10%, you get **E92A18**, and if you desaturate by 10%, it is **E95446**.

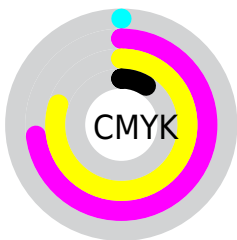
# Distribution



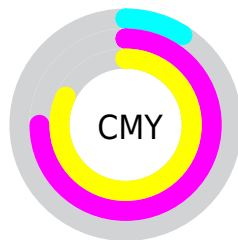
- Red (91%)
- Green (25%)
- Blue (18%)



- Red (91%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (73%)
- Yellow (80%)
- Black (9%)



- Cyan (9%)
- Magenta (75%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E93F2F 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 E93F2F by changing the saturation by 10% instead.



 E93F2F

 E93F2F

FFFFFF

 C91A18

 FF7A5F

 A90000

 FF9778

 890000

 FFB392

 690000

 FFD1AD

 4C0002

 FFEEC9

 2D0002

 FFFF E5

 000000

 E93F2F

 E93F2F

 E92A18

 E95446

 E91400

 E96A5E

 E97F75

 E9948C

 E9A9A3

 E9BFBB

 E9D4D2

 E9E9E9

 E9FFFF

# Harmonies

## Analogous

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



F41772



E93F2F



C36600

# Triad

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



E93F2F



009945



0083FF

# Complementary

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



E93F2F



2FD9E9

# 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.



0094FE



E93F2F



009C8D

# Square

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



E93F2F



3D9100



009BD0



9063EE

# Rectangle

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



E93F2F



A07A00



009BD0



008AFF



# Sweetspot

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



E93F2F



FFC7C2



E92FDA



805E5B



000000



808080



# Same Dimension

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



E93F2F



FF1F0A



E99C2F



756B6A



B51000



360500



# Inverse Universe

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



2FD9E9



0AEAFF



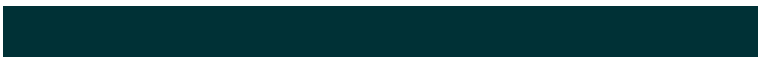
2F7DE9



6A7475



00A5B5



003136



# Previews

## White Background



This preview shows how the Hex color E93F2F looks on a white background.

## Color Contrast Check

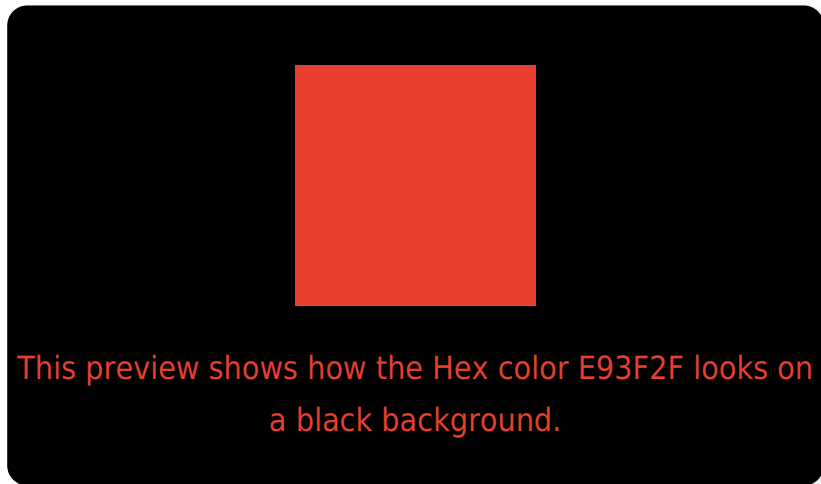
Large Text (above 18pt) WCAG AA ✓ Pass

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 E93F2F Background



This preview shows how black text looks on a background with the Hex color E93F2F.



This preview shows how white text looks on a background with the Hex color E93F2F.

# 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**  
E93F2F

**Protanopia**  
8C7F41

**Deuteranopia**  
A07920



**Tritanopia**  
E93D3F

# Trichromacy



**Original Color**  
E93F2F

**Protanomaly**  
AE683A

**Deuteranomaly**  
BB6425

**Tritanomaly**  
E93E39

# Monochromacy



**Original Color**  
E93F2F

**Achromatopsia**  
707070

**Achromatomaly**  
9C5E58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E93F2F 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 #E93F2F looks like.

```
.text, #text, p{  
    color:#E93F2F  
}
```

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 #E93F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E93F2F }  
}
```

## Border

The CSS property to change the border of an element to Hex E93F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

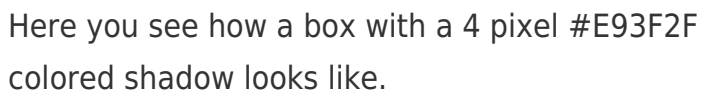
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E93F2F }  
}
```

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

```
.border{ border-color:#E93F2F }
```

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



Here you see how a box with a 4 pixel `#E93F2F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E93F2F; -webkit-box-shadow:4px 4px  
4px 4px #E93F2F; box-shadow:4px 4px 4px  
4px #E93F2F }
```

# Background

The CSS property to change the background color of an element to Hex E93F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E93F2F }
```

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

```
.background{ background-color:#E93F2F }
```

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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