

# Converting Colors

Hex(EC5B3E)

Have a look what the booklet for  
Hex(5B3E) contains.

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# Color

Hex(**EC5B3E**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC5B3E
RGB	236, 91, 62
RGB Percent	93%, 36%, 24%
CMY	0.0745, 0.6431, 0.7569
CMYK	0.00, 0.61, 0.74, 0.07
HSL	10°, 82%, 58%
HSV	10°, 74%, 93%
XYZ	39.2027, 25.6628, 7.4446
YIQ	131.0490, 95.7290, 21.7210

# Conversions

## Conversions Part 2

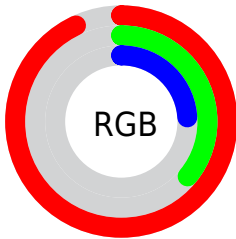
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 97, 62
Decimal	15489854
CIE <sub>Lab</sub>	57.72, 54.45, 45.31
CIE <sub>LCh</sub>	58, 70.838, 39.768
Yxy	25.6628, 0.5421, 0.3549
Android (android.graphics.Color)	4293679934 (0xFFEC5B3E)
YUV	131.0490, -34.0412, 92.0420
Hunter-Lab	50.6585, 49.4819, 26.7478

# Details

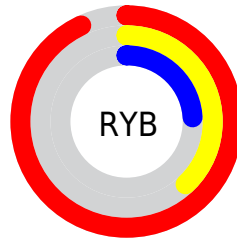
The Hex color **EC5B3E** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **3ECFEC**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF926F**, and **AD200F** is the 20% darker color. If you saturate the color by 10%, you get **EC4726**, and if you desaturate by 10%, it is **EC6F56**.

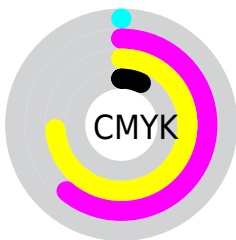
# Distribution



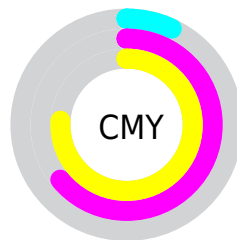
- Red (93%)
- Green (36%)
- Blue (24%)



- Red (93%)
- Yellow (38%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (74%)
- Black (7%)



- Cyan (7%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC5B3E 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 EC5B3E by changing the saturation by 10% instead.



 EC5B3E

 EC5B3E

FFFFFF

 CC3F27

 FF926F

 AD200F

 FFAE89

 8E0000

 FFCBA4

 6F0000

 FFE8BF

 510000

 FFFFDB

 350002

 FFFFF8

 040000

 000000

 EC5B3E

 EC5B3E

 EC4726

 EC6F56

 EC340F

 EC826D

 EC2700

 EC9685

 ECAA9C

 ECBDB4

 ECD1CC

 ECE5E3

 ECF8FB

 ECFFFF

# Harmonies

## Analogous

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



F84679



EC5B3E



C87800

# Triad

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



EC5B3E



00A45D



008CFF

# Complementary

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



EC5B3E



3ECFEC

# 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.



009DFF



EC5B3E



00A79E

# Square

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



EC5B3E



4F9C1C



00A5D9



A570EB

# Rectangle

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



EC5B3E



A78800



00A5D9



0092FF



# Sweetspot

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



EC5B3E



FFD0C7



EC3ECF



80645E



000000



808080



# Same Dimension

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



EC5B3E



FF441F



ECB23E



756C6A



B51E00



360900

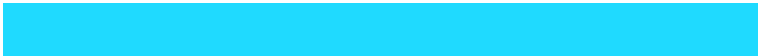


# Inverse Universe

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



3ECFEC



1FDAFF



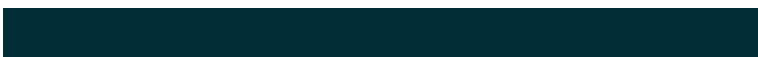
3E78EC



6A7375



0097B5



002D36



# Previews

## White Background



This preview shows how the Hex color EC5B3E looks on a white background.

## Color Contrast Check

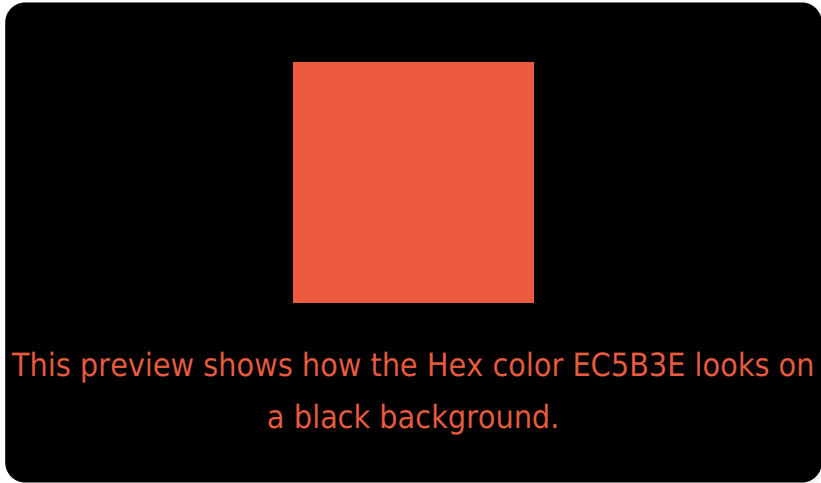
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC5B3E Background



This preview shows how black text looks on a background with the Hex color EC5B3E.



This preview shows how white text looks on a background with the Hex color EC5B3E.

# 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**  
EC5B3E

**Protanopia**  
998B4D

**Deuteranopia**  
AD8435



# Trichromacy



**Original Color**  
EC5B3E

**Protanomaly**  
B77A48

**Deuteranomaly**  
C47538

**Tritanomaly**  
ED5851

# Monochromacy



**Original Color**  
EC5B3E

**Achromatopsia**  
838383

**Achromatomaly**  
A9746A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC5B3E 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 #EC5B3E looks like.

```
.text, #text, p{  
    color:#EC5B3E  
}
```

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 #EC5B3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC5B3E
}
```

## Border

The CSS property to change the border of an element to Hex EC5B3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

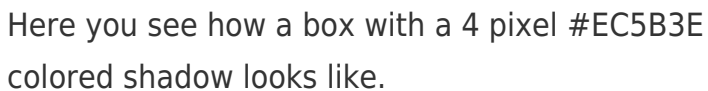
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC5B3E }
```

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

```
.border{ border-color:#EC5B3E }
```

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



Here you see how a box with a 4 pixel `#EC5B3E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC5B3E; -webkit-box-shadow:4px 4px  
4px 4px #EC5B3E; box-shadow:4px 4px 4px  
4px #EC5B3E }
```

# Background

The CSS property to change the background color of an element to Hex EC5B3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC5B3E }
```

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

```
.background{ background-color:#EC5B3E }
```

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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