

# Converting Colors

Hex(EC3C37)

Have a look what the booklet for  
Hex(EC3C37) contains.

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# Color

Hex(**EC3C37**)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | EC3C37                      |
| RGB         | 236, 60, 55                 |
| RGB Percent | 93%, 24%, 22%               |
| CMY         | 0.0745, 0.7647, 0.7843      |
| CMYK        | 0.00, 0.75, 0.77, 0.07      |
| HSL         | 2°, 83%, 57%                |
| HSV         | 2°, 77%, 93%                |
| XYZ         | 36.8975, 21.3404, 5.7888    |
| YIQ         | 112.0540, 106.5010, 35.7570 |

# Conversions

## Conversions Part 2

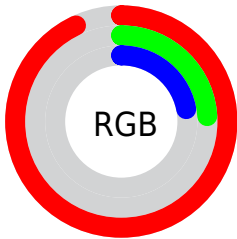
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 236, 60, 55                     |
| Decimal                             | 15481911                        |
| CIE Lab                             | 53.32, 65.95, 44.31             |
| CIE LCh                             | 53, 79.456, 33.897              |
| Yxy                                 | 21.3404, 0.5763,<br>0.3333      |
| Android<br>(android.graphics.Color) | 4293671991<br>(0xFFEC3C37)      |
| YUV                                 | 112.0540, -28.1276,<br>108.7006 |
| Hunter-Lab                          | 46.1957, 61.7294,<br>24.9073    |

# Details

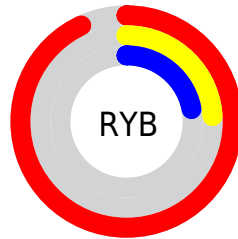
The Hex color **EC3C37** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **37E7EC**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF7867**, and **AB000A** is the 20% darker color. If you saturate the color by 10%, you get **EC251F**, and if you desaturate by 10%, it is **EC534F**.

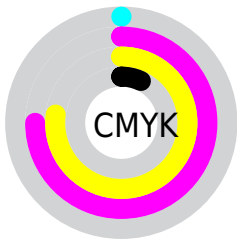
# Distribution



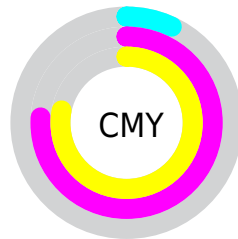
- Red (93%)
- Green (24%)
- Blue (22%)



- Red (93%)
- Yellow (24%)
- Blue (22%)



- Cyan (0%)
- Magenta (75%)
- Yellow (77%)
- Black (7%)



- Cyan (7%)
- Magenta (76%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC3C37 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 EC3C37 by changing the saturation by 10% instead.



 EC3C37

 EC3C37

FFFFFF

 CC1421

 FF7867

 AB000A

 FF9580

 8C0000

 FFB29B

 6C0000

 FFCFB6

 4E0002

 FFEDD1

 300002

 FFFFEE

 000000

 EC3C37

 EC3C37

 EC251F

 EC534F

 EC0E08

 EC6A66

 EC0700

 EC817E

 EC9895

 ECAFAD

 ECC6C5

 ECDDDC

 ECF4F4

 ECFFFF

# Harmonies

## Analogous

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



F41A7A



EC3C37



C86400

# Triad

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



EC3C37



00993E



0086FF

# Complementary

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



EC3C37



37E7EC

# 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.



0096FB



EC3C37



009C87

# Square

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



EC3C37



4A9000



009CCB



8568F2

# Rectangle

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



EC3C37



A67800



009CCB



008CFF



# Sweetspot

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



EC3C37



FFC6C4



EC37E9



805D5C



000000



808080



# Same Dimension

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



EC3C37



FF1B14



EC9537



756A6A



B50500



360100



# Inverse Universe

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



37E7EC



14F9FF



378EEC



6A7575



00B0B5



003436



# Previews

## White Background



This preview shows how the Hex color EC3C37 looks on a white background.

## Color Contrast Check

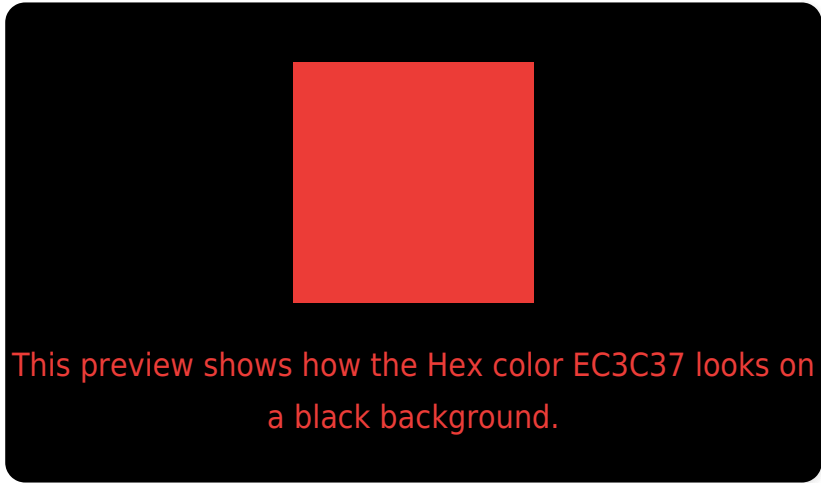
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC3C37 Background



This preview shows how black text looks on a background with the Hex color EC3C37.



This preview shows how white text looks on a background with the Hex color EC3C37.

# 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



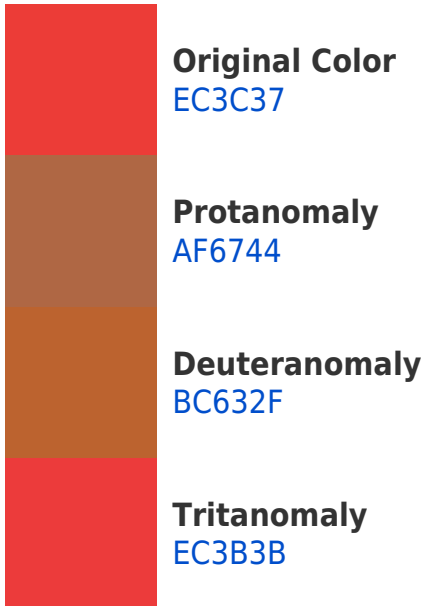
**Original Color**  
EC3C37

**Protanopia**  
8C804C

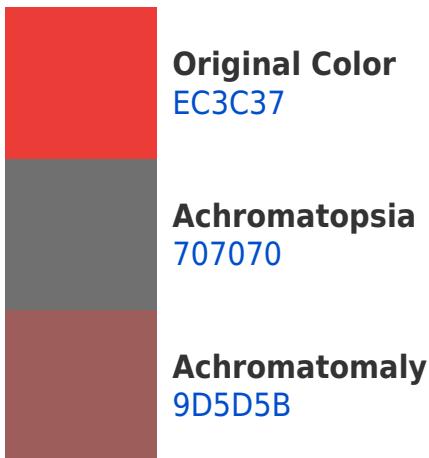
**Deuteranopia**  
A0792A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC3C37 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 #EC3C37 looks like.

```
.text, #text, p{  
    color:#EC3C37  
}
```

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 #EC3C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC3C37
}
```

## Border

The CSS property to change the border of an element to Hex EC3C37 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
#EC3C37 }
```

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

```
.border{ border-color:#EC3C37 }
```

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

Here you see how a box with a 4 pixel #EC3C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC3C37; -webkit-box-shadow:4px 4px  
4px 4px #EC3C37; box-shadow:4px 4px 4px  
4px #EC3C37 }
```

# Background

The CSS property to change the background color of an element to Hex EC3C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC3C37 }
```

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

```
.background{ background-color:#EC3C37 }
```

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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