

# Converting Colors

Hex(EC393E)

Have a look what the booklet for  
Hex(EC393E) contains.

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# Color

**Hex(EC393E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC393E
RGB	236, 57, 62
RGB Percent	93%, 22%, 24%
CMY	0.0745, 0.7765, 0.7569
CMYK	0.00, 0.76, 0.74, 0.07
HSL	358°, 82%, 57%
HSV	358°, 76%, 93%
XYZ	36.9247, 21.1069, 6.6853
YIQ	111.0910, 105.0790, 39.5030

# Conversions

## Conversions Part 2

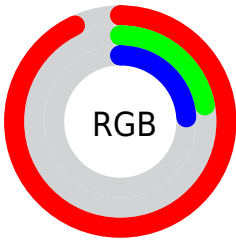
Format	Color
R <sub>Y</sub> B	236, 57, 62
Decimal	15481150
CIE Lab	53.07, 67.14, 40.18
CIE LCh	53, 78.240, 30.899
Yxy	21.1069, 0.5706, 0.3261
Android (android.graphics.Color)	4293671230 (0xFFEC393E)
YUV	111.0910, -24.2019, 109.5452
Hunter-Lab	45.9423, 63.0650, 23.5320

# Details

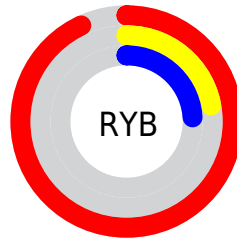
The Hex color **EC393E** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **39ECE7**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF766E**, and **AC0013** is the 20% darker color. If you saturate the color by 10%, you get **EC2127**, and if you desaturate by 10%, it is **EC5155**.

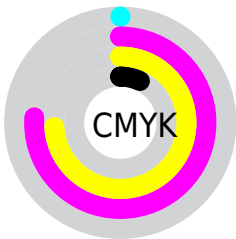
# Distribution



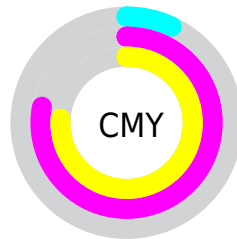
- Red (93%)
- Green (22%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (76%)
- Yellow (74%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color EC393E 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 EC393E by changing the saturation by 10% instead.



 EC393E

 EC393E

FFFFFF

 CC0C28

 FF766E

 AC0013

 FF9388

 8C0000

 FFB0A2

 6C0000

 FFCEBD

 4E0002

 FFEBD9

 300002

 FFFFF6

 000000

 EC393E

 EC393E

 EC2127

 EC5155

 EC0A10

 EC686C

 EC0007

 EC8083

 EC979A

 ECAFB1

 ECC7C8

 ECDEDF

 ECF6F6

 ECFFFF

# Harmonies

## Analogous

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



F01F80



EC393E



CB6000

# Triad

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



EC393E



009737



0087FF

# Complementary

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



EC393E



39ECE7

# 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.



0096F5



EC393E



009B7F

# Square

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



EC393E



538E00



009BC3



786BF4

# Rectangle

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



EC393E



AB7500



009BC3



008DFF



# Sweetspot

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



EC393E



FFC4C6



E639EC



805C5D



000000



808080



# Same Dimension

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



EC393E



FF171D



EC8D39



756A6A



B50005



360001



# Inverse Universe

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



EC393E



FF171D



3998EC



756A6A



B50005



360001



# Previews

## White Background



This preview shows how the Hex color EC393E looks on a white background.

## Color Contrast Check

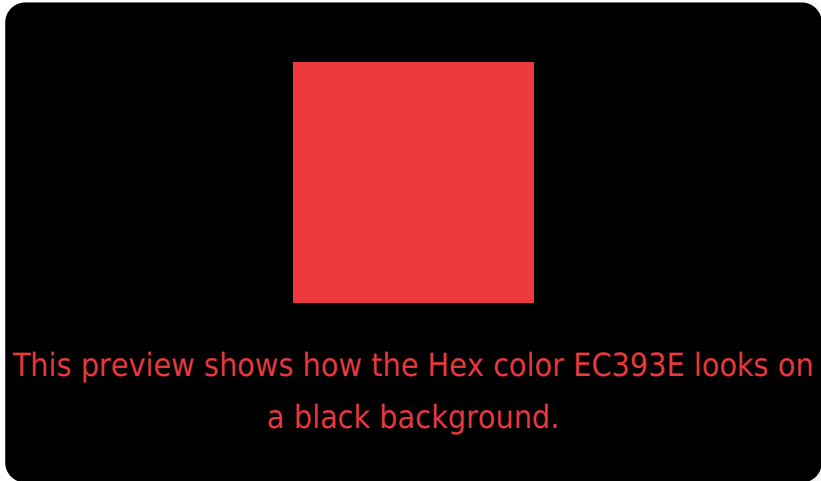
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC393E Background



This preview shows how black text looks on a background with the Hex color EC393E.

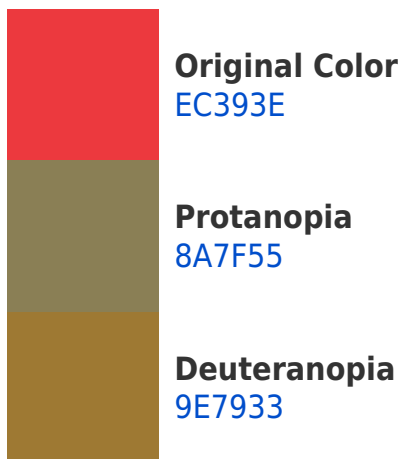


This preview shows how white text looks on a background with the Hex color EC393E.

# 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





**Tritanopia**  
EC393B

# Trichromacy



**Original Color**  
EC393E

**Protanomaly**  
AE664D

**Deuteranomaly**  
BA6237

**Tritanomaly**  
EC393C

# Monochromacy



**Original Color**  
EC393E

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
9C5B5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC393E 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 #EC393E looks like.

```
.text, #text, p{  
    color:#EC393E  
}
```

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 #EC393E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC393E
}
```

## Border

The CSS property to change the border of an element to Hex EC393E is called "border". The border property can be set on classes, ids or directly on the HTML element.

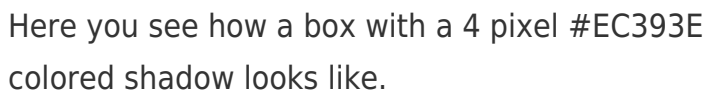
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EC393E }
```

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

```
.border{ border-color:#EC393E }
```

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



Here you see how a box with a 4 pixel `#EC393E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC393E; -webkit-box-shadow:4px 4px  
4px 4px #EC393E; box-shadow:4px 4px 4px  
4px #EC393E }
```

# Background

The CSS property to change the background color of an element to Hex EC393E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC393E }
```

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

```
.background{ background-color:#EC393E }
```

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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