

# Converting Colors

Hex(EF393B)

Have a look what the booklet for  
Hex(EE393B) contains.

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# Color

Hex(**EE393B**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EE393B
RGB	238, 57, 59
RGB Percent	93%, 22%, 23%
CMY	0.0667, 0.7765, 0.7686
CMYK	0.00, 0.76, 0.75, 0.07
HSL	359°, 84%, 58%
HSV	359°, 76%, 93%
XYZ	37.5124, 21.4192, 6.2949
YIQ	111.3470, 107.2340, 38.9940

# Conversions

## Conversions Part 2

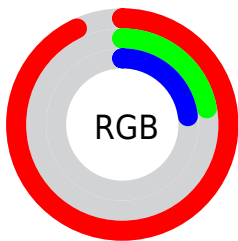
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 57, 59
Decimal	15612219
CIE Lab	53.41, 67.60, 42.33
CIE LCh	53, 79.759, 32.054
Yxy	21.4192, 0.5751, 0.3284
Android (android.graphics.Color)	4293802299 (0xFFEE393B)
YUV	111.3470, -25.8071, 111.0747
Hunter-Lab	46.2808, 63.6898, 24.3323

# Details

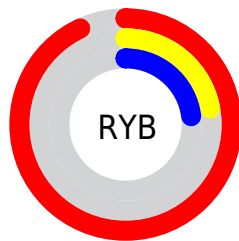
The Hex color **EE393B** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **39EEEC**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **FF766B**, and **AD000F** is the 20% darker color. If you saturate the color by 10%, you get **EE2123**, and if you desaturate by 10%, it is **EE5153**.

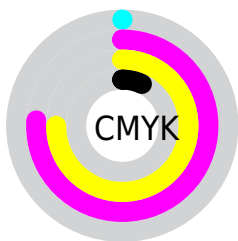
# Distribution



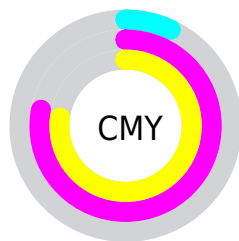
- Red (93%)
- Green (22%)
- Blue (23%)



- Red (93%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (76%)
- Yellow (75%)
- Black (7%)



- Cyan (7%)
- Magenta (78%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE393B 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 EE393B by changing the saturation by 10% instead.



 EE393B

 EE393B

FFFFFF

 CE0B25

 FF766B

 AD000F

 FF9384

 8E0000

 FFB09F

 6E0000

 FFCEBA

 500002

 FFECD6

 310002

 FFFFF2

 000000

 EE393B

 EE393B

 EE2123

 EE5153

 EE090C

 EE696A

 EE0003

 EE8082

 EE9899

 EEB0B1

 EEC8C8

 EEE0E0

 EEF7F7

 EEFFFF

# Harmonies

## Analogous

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



F41A7E



EE393B



CC6200

# Triad

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



EE393B



009939



0087FF

# Complementary

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



EE393B



39EEEC

# 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.



0097FA



EE393B



009C83

# Square

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



EE393B



4F9000



009CC7



7D6AF6

# Rectangle

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



EE393B



AA7600



009CC7



008EFF



# Sweetspot

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



EE393B



FFC4C5



EB39EE



805C5C



000000



808080



# Same Dimension

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



EE393B



FF171A



EE9039



786C6C



B80002



380001



# Inverse Universe

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



EE393B



FF171A



3997EE



786C6C



B80002



380001



# Previews

## White Background



This preview shows how the Hex color EE393B looks on a white background.

## Color Contrast Check

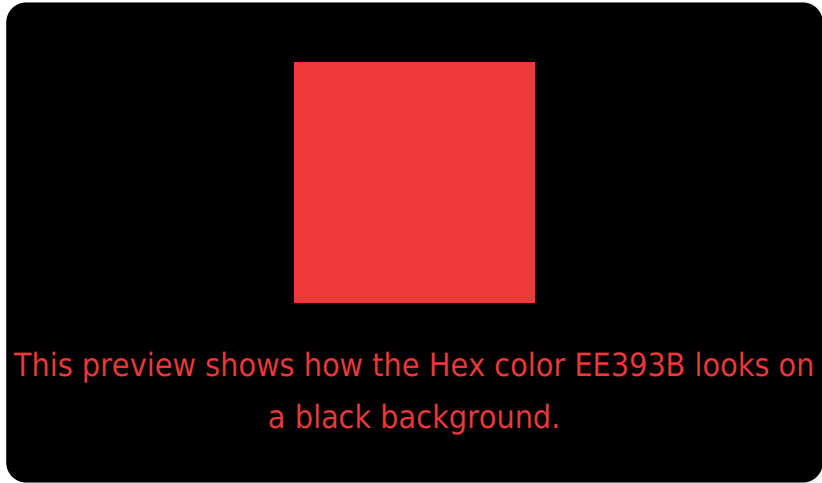
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE393B Background



This preview shows how black text looks on a background with the Hex color EE393B.



This preview shows how white text looks on a background with the Hex color EE393B.

# 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**  
EE393B

**Protanopia**  
8B8052

**Deuteranopia**  
A07A2F



**Tritanopia**  
EE393B

# Trichromacy



**Original Color**  
EE393B

**Protanomaly**  
AF664A

**Deuteranomaly**  
BC6233

**Tritanomaly**  
EE393B

# Monochromacy



**Original Color**  
EE393B

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
9D5B5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE393B 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 #EE393B looks like.

```
.text, #text, p{  
    color:#EE393B  
}
```

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 #EE393B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE393B
}
```

## Border

The CSS property to change the border of an element to Hex EE393B 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
#EE393B }
```

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

```
.border{ border-color:#EE393B }
```

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

Here you see how a box with a 4 pixel #EE393B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE393B; -webkit-box-shadow:4px 4px  
4px 4px #EE393B; box-shadow:4px 4px 4px  
4px #EE393B }
```

# Background

The CSS property to change the background color of an element to Hex EE393B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE393B }
```

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

```
.background{ background-color:#EE393B }
```

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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