

Converting Colors

Hex(E3393F)

Have a look what the booklet for
Hex(E3393F) contains.

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Color

Hex(E3393F)

Conversions

Conversions Part 1

Format	Color
Hex	E3393F
RGB	227, 57, 63
RGB Percent	89%, 22%, 25%
CMY	0.1098, 0.7765, 0.7529
CMYK	0.00, 0.75, 0.72, 0.11
HSL	358°, 75%, 56%
HSV	358°, 75%, 89%
XYZ	34.0389, 19.6160, 6.6948
YIQ	108.5140, 99.3940, 37.9060

Conversions

Conversions Part 2

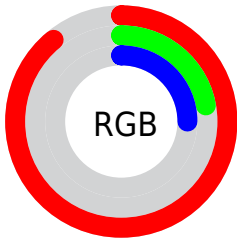
Format	Color
R_{YB}	227, 57, 63
Decimal	14891327
CIE _{Lab}	51.40, 64.55, 37.27
CIE _{LCh}	51, 74.539, 29.999
Yxy	19.6160, 0.5640, 0.3250
Android (android.graphics.Color)	4293081407 (0xFFE3393F)
YUV	108.5140, -22.4384, 103.9122
Hunter-Lab	44.2900, 59.6780, 22.0407

Details

The Hex color **E3393F** 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 **39E3DD**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF756F**, and **A30014** is the 20% darker color. If you saturate the color by 10%, you get **E32229**, and if you desaturate by 10%, it is **E35055**.

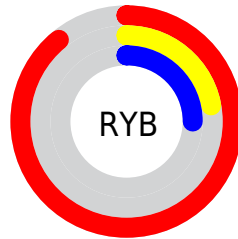
Distribution



Red (89%)

Green (22%)

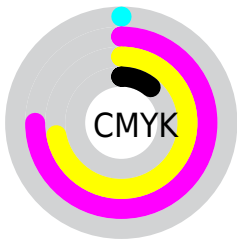
Blue (25%)



Red (89%)

Yellow (22%)

Blue (25%)

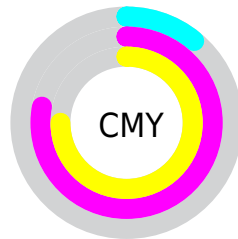


Cyan (0%)

Magenta (75%)

Yellow (72%)

Black (11%)



Cyan (11%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E3393F 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 E3393F by changing the saturation by 10% instead.

 E3393F

 E3393F

FFFFFF

 C30F29

 FF756F

 A30014

 FF9289

 840000

 FFAEA3

 650000

 FFCCBE

 480003

 FFE9DA

 290001

 FFFFF6

 000000

 E3393F

 E3393F

 E32229

 E35055

 E30C13

 E3666B

 E30008

 E37D81

 E39497

 E3ABAC

 E3C1C2

 E3D8D8

 E3EFEE

 E3FFFF

Harmonies

Analogous

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



E6257D



E3393F



C55D00

Triad

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



E3393F



009235



0083FB

Complementary

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



E3393F



39E3DD

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.



0091E9



E3393F



009579

Square

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



E3393F



548900



0096B9



7169EA

Rectangle

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



E3393F



A67000



0096B9



0089F9

Sweetspot

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



E3393F



FFC7C9



DA39E3



805E60



000000



808080

Same Dimension

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



E3393F



FF1922



E38639



736768



B30006



330002

Inverse Universe

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



E3393F



FF1922



3997E3



736768



B30006



330002

Previews

White Background



This preview shows how the Hex color E3393F looks on a white background.

Color Contrast Check

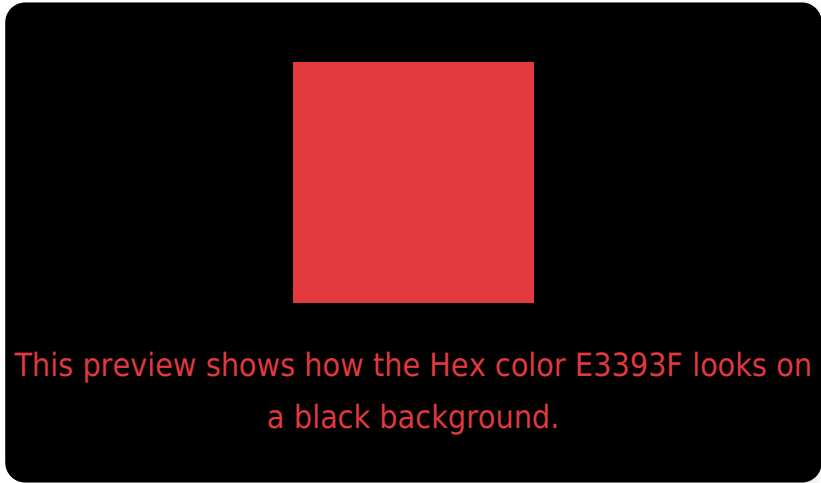
Large Text (above 18pt) WCAG AA ✓ Pass

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 E3393F Background



This preview shows how black text looks on a background with the Hex color E3393F.

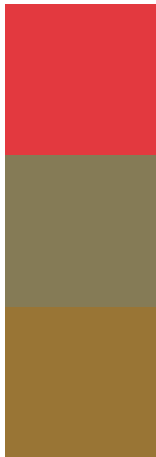


This preview shows how white text looks on a background with the Hex color E3393F.

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
E3393F

Protanopia
857B56

Deuteranopia
997535



Tritanopia
E33A3B

Trichromacy



Original Color
E3393F

Protanomaly
A7634E

Deuteranomaly
B45F39

Tritanomaly
E33A3C

Monochromacy



Original Color
E3393F

Achromatopsia
6D6D6D

Achromatomaly
985A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex E3393F 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 #E3393F looks like.

```
.text, #text, p{  
    color:#E3393F  
}
```

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 #E3393F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3393F
}
```

Border

The CSS property to change the border of an element to Hex E3393F is called "border". The border property can be set on classes, ids or directly on the HTML element.

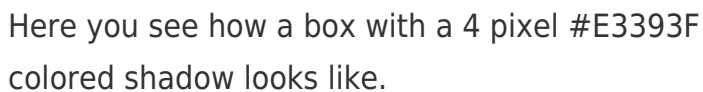
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E3393F }
```

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

```
.border{ border-color:#E3393F }
```

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



Here you see how a box with a 4 pixel `#E3393F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3393F; -webkit-box-shadow:4px 4px  
4px 4px #E3393F; box-shadow:4px 4px 4px  
4px #E3393F }
```

Background

The CSS property to change the background color of an element to Hex E3393F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3393F }
```

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

```
.background{ background-color:#E3393F }
```

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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