

Converting Colors

Hex(E13D3F)

Have a look what the booklet for
Hex(E13D3F) contains.

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Color

Hex(E13D3F)

Conversions

Conversions Part 1

Format	Color
Hex	E13D3F
RGB	225, 61, 63
RGB Percent	88%, 24%, 25%
CMY	0.1176, 0.7608, 0.7529
CMYK	0.00, 0.73, 0.72, 0.12
HSL	359°, 73%, 56%
HSV	359°, 73%, 88%
XYZ	33.6173, 19.7039, 6.7340
YIQ	110.2640, 97.1020, 35.3900

Conversions

Conversions Part 2

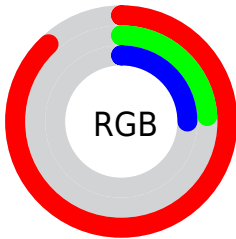
Format	Color
RYB	225, 61, 63
Decimal	14761279
CIELab	51.50, 62.65, 37.29
CIELCh	52, 72.905, 30.761
Yxy	19.7039, 0.5598, 0.3281
Android (android.graphics.Color)	4292951359 (0xFFE13D3F)
YUV	110.2640, -23.3012, 100.6235
Hunter-Lab	44.3891, 57.5028, 22.0778

Details

The Hex color **E13D3F** 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 **3DE1DF**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF786F**, and **A20014** is the 20% darker color. If you saturate the color by 10%, you get **E12729**, and if you desaturate by 10%, it is **E15455**.

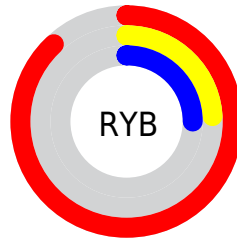
Distribution



Red (88%)

Green (24%)

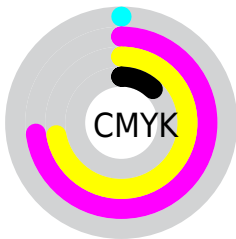
Blue (25%)



Red (88%)

Yellow (24%)

Blue (25%)

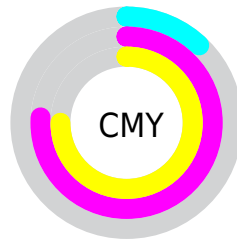


Cyan (0%)

Magenta (73%)

Yellow (72%)

Black (12%)



Cyan (12%)


Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E13D3F 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 E13D3F by changing the saturation by 10% instead.

 E13D3F

 E13D3F

FFFFFF

 C11829

 FF786F

 A20014

 FF9489

 830000

 FFB1A3

 630000

 FFCEBE

 470003

 FFEFDA

 270001

 FFFFF7

 000000

 E13D3F

 E13D3F

 E12729

 E15455

 E11013

 E16A6B

 E10003

 E18182

 E19798

 E1ADAE

 E1C4C4

 E1DBDB

 E1F1F1

 E1FFFF

Harmonies

Analogous

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



E52A7C



E13D3F



C35F00

Triad

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



E13D3F



009239



0082F9

Complementary

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



E13D3F



3DE1DF

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.



0090E8



E13D3F



00957B

Square

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



E13D3F



548900



0095B9



7569E7

Rectangle

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



E13D3F



A57100



0095B9



0088F7

Sweetspot

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



E13D3F



FFC7C8



DE3DE1



805E5F



000000



808080

Same Dimension

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



E13D3F



FF2124



E18C3D



706565



B00002



300001

Inverse Universe

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



E13D3F



FF2124



3D92E1



706565



B00002



300001

Previews

White Background



This preview shows how the Hex color E13D3F looks on a white background.

Color Contrast Check

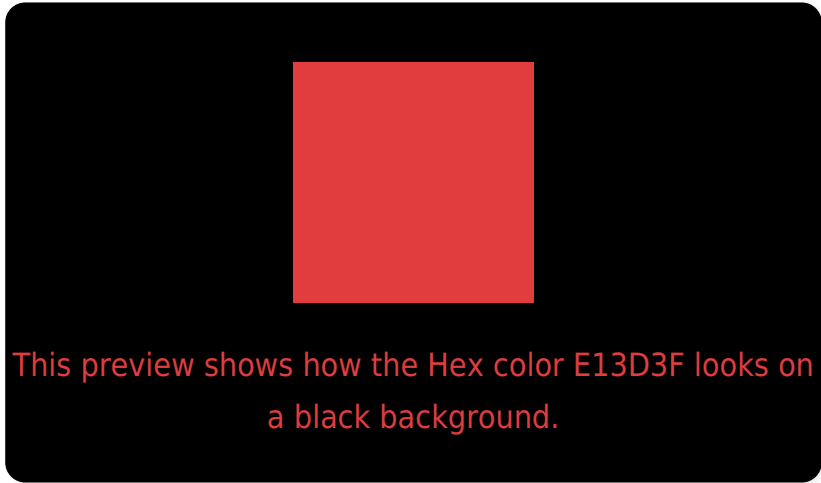
Large Text (above 18pt) WCAG AA ✓ Pass

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 E13D3F Background



This preview shows how black text looks on a background with the Hex color E13D3F.



This preview shows how white text looks on a background with the Hex color E13D3F.

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
E13D3F

Protanopia
857B54

Deuteranopia
997535



Tritanopia
E13D3F

Trichromacy



Original Color
E13D3F

Protanomaly
A6644C

Deuteranomaly
B36139

Tritanomaly
E13D3F

Monochromacy



Original Color
E13D3F

Achromatopsia
6E6E6E

Achromatomaly
985C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex E13D3F 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 #E13D3F looks like.

```
.text, #text, p{  
    color:#E13D3F  
}
```

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 #E13D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13D3F }  
}
```

Border

The CSS property to change the border of an element to Hex E13D3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

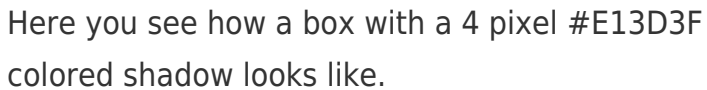
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #E13D3F }  
}
```

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

```
.border{ border-color:#E13D3F }
```

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



Here you see how a box with a 4 pixel #E13D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13D3F; -webkit-box-shadow:4px 4px  
4px 4px #E13D3F; box-shadow:4px 4px 4px  
4px #E13D3F }
```

Background

The CSS property to change the background color of an element to Hex E13D3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13D3F }
```

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

```
.background{ background-color:#E13D3F }
```

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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