

Converting Colors

Hex(E13E3E)

Have a look what the booklet for
Hex(E13E3E) contains.

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Color

Hex(E13E3E)

Conversions

Conversions Part 1

Format	Color
Hex	E13E3E
RGB	225, 62, 62
RGB Percent	88%, 24%, 24%
CMY	0.1176, 0.7569, 0.7569
CMYK	0.00, 0.72, 0.72, 0.12
HSL	0°, 73%, 56%
HSV	0°, 72%, 88%
XYZ	33.6435, 19.8006, 6.6061
YIQ	110.7370, 97.1480, 34.5560

Conversions

Conversions Part 2

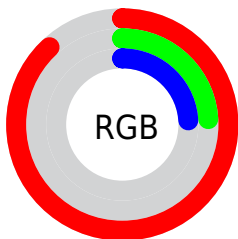
Format	Color
R_{YB}	225, 62, 62
Decimal	14761534
CIE Lab	51.61, 62.26, 37.98
CIE LCh	52, 72.935, 31.384
Yxy	19.8006, 0.5603, 0.3297
Android (android.graphics.Color)	4292951614 (0xFFE13E3E)
YUV	110.7370, -24.0273, 100.2087
Hunter-Lab	44.4979, 57.0871, 22.3464

Details

The Hex color **E13E3E** 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 **3EE1E1**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF786E**, and **A20013** is the 20% darker color. If you saturate the color by 10%, you get **E12828**, and if you desaturate by 10%, it is **E15555**.

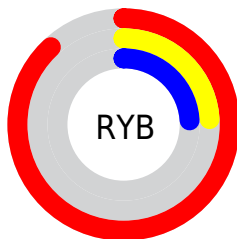
Distribution



Red (88%)

Green (24%)

Blue (24%)



Red (88%)

Yellow (24%)

Blue (24%)

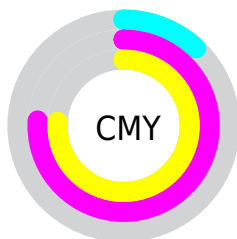


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (12%)



Cyan (12%)


Magenta (76%)


Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E13E3E 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 E13E3E by changing the saturation by 10% instead.

 E13E3E

 E13E3E

FFFFFF

 C11A28

 FF786E

 A20013

 FF9588

 830000

 FFB2A2

 630000

 FFCFBD

 470002

 FFECD9

 270001

 FFFFF5

 000000

 E13E3E

 E13E3E

 E12828

 E15555

 E11111

 E16B6B

 E10000

 E18282

 E19898

 E1AFAF

 E1C5C5

 E1DCDC

 E1F2F2

 E1FFFF

Harmonies

Analogous

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



E52B7B



E13E3E



C26000

Triad

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



E13E3E



00923A



0082F9

Complementary

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



E13E3E



3EE1E1

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.



0090E9



E13E3E



00967C

Square

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



E13E3E



538A00



0096BB



7869E7

Rectangle

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



E13E3E



A47200



0096BB



0088F8

Sweetspot

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



E13E3E



FFC7C7



E13EE1



805E5E



000000



808080

Same Dimension

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



E13E3E



FF2121



E1903E



706565



B00000



300000

Inverse Universe

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



3EE1E1



21FFFF



3E90E1



657070



00B0B0



003030

Previews

White Background



This preview shows how the Hex color E13E3E looks on a white background.

Color Contrast Check

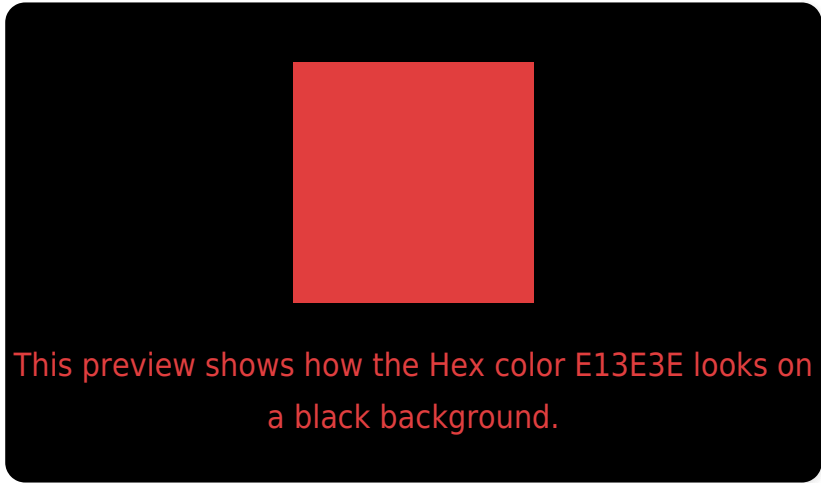
Large Text (above 18pt) WCAG AA ✓ Pass

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 E13E3E Background



This preview shows how black text looks on a background with the Hex color E13E3E.

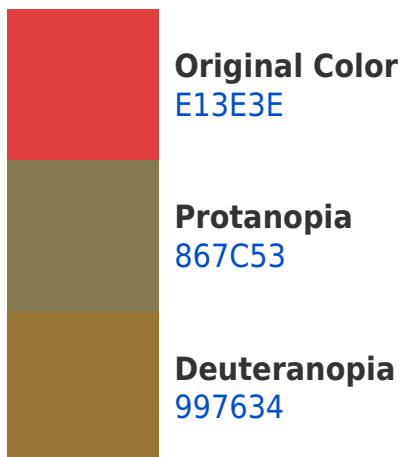


This preview shows how white text looks on a background with the Hex color E13E3E.

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
E13E40

Trichromacy



Original Color
E13E3E

Protanomaly
A7654B

Deuteranomaly
B36238

Tritanomaly
E13E3F

Monochromacy



Original Color
E13E3E

Achromatopsia
6F6F6F

Achromatomaly
985D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex E13E3E 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 #E13E3E looks like.

```
.text, #text, p{  
    color:#E13E3E  
}
```

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 #E13E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E13E3E
}
```

Border

The CSS property to change the border of an element to Hex E13E3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

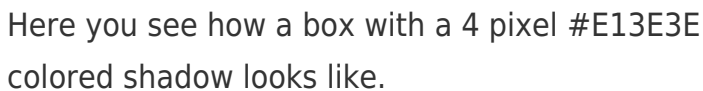
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E13E3E }
```

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

```
.border{ border-color:#E13E3E }
```

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



Here you see how a box with a 4 pixel #E13E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E13E3E; -webkit-box-shadow:4px 4px  
4px 4px #E13E3E; box-shadow:4px 4px 4px  
4px #E13E3E }
```

Background

The CSS property to change the background color of an element to Hex E13E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E13E3E }
```

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

```
.background{ background-color:#E13E3E }
```

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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