

Converting Colors

Hex(E33C3D)

Have a look what the booklet for
Hex(E33C3D) contains.

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Color

Hex(E33C3D)

Conversions

Conversions Part 1

Format	Color
Hex	E33C3D
RGB	227, 60, 61
RGB Percent	89%, 24%, 24%
CMY	0.1098, 0.7647, 0.7608
CMYK	0.00, 0.74, 0.73, 0.11
HSL	360°, 75%, 56%
HSV	360°, 74%, 89%
XYZ	34.1367, 19.8995, 6.4567
YIQ	110.0470, 99.2110, 35.7150

Conversions

Conversions Part 2

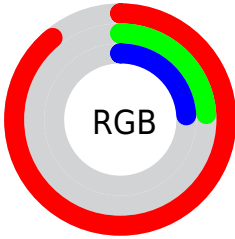
Format	Color
RYB	227, 60, 61
Decimal	14892093
CIELab	51.72, 63.50, 38.77
CIElCh	52, 74.402, 31.408
Yxy	19.8995, 0.5643, 0.3290
Android (android.graphics.Color)	4293082173 (0xFFE33C3D)
YUV	110.0470, -24.1802, 102.5678
Hunter-Lab	44.6089, 58.5306, 22.6446

Details

The Hex color **E33C3D** 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 **3CE3E2**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF776D**, and **A30012** is the 20% darker color. If you saturate the color by 10%, you get **E32526**, and if you desaturate by 10%, it is **E35354**.

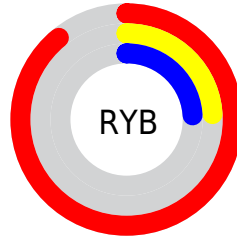
Distribution



Red (89%)

Green (24%)

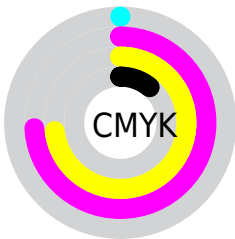
Blue (24%)



Red (89%)

Yellow (24%)

Blue (24%)

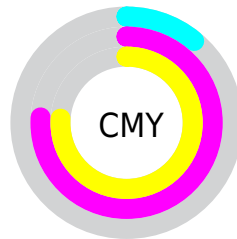


Cyan (0%)

Magenta (74%)

Yellow (73%)

Black (11%)



Cyan (11%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color E33C3D 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 E33C3D by changing the saturation by 10% instead.

 E33C3D

 E33C3D

FFFFFF

 C31627

 FF776D

 A30012

 FF9486

 840000

 FFB0A1

 650000

 FFCEBC

 480003

 FFEBD8

 290001

 FFFFF4

 000000

 E33C3D

 E33C3D

 E32526

 E35354

 E30F10

 E3696A

 E30001

 E38081

 E39797

 E3AEAE

 E3C4C4

 E3DBDB

 E3F2F2

 E3FFFF

Harmonies

Analogous

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



E7267B



E33C3D



C45F00

Triad

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



E33C3D



009339



0083FC

Complementary

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



E33C3D



3CE3E2

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.



0091EC



E33C3D



00967D

Square

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



E33C3D



528A00



0096BC



7869E9

Rectangle

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



E33C3D



A57200



0096BC



0089FB

Sweetspot

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



E33C3D



FFC7C7



E03CE3



805E5F



000000



808080

Same Dimension

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



E33C3D



FF1F20



E38D3C



736767



B30001



330000

Inverse Universe

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



E33C3D



FF1F20



3C92E3



736767



B30001



330000

Previews

White Background



This preview shows how the Hex color E33C3D looks on a white background.

Color Contrast Check

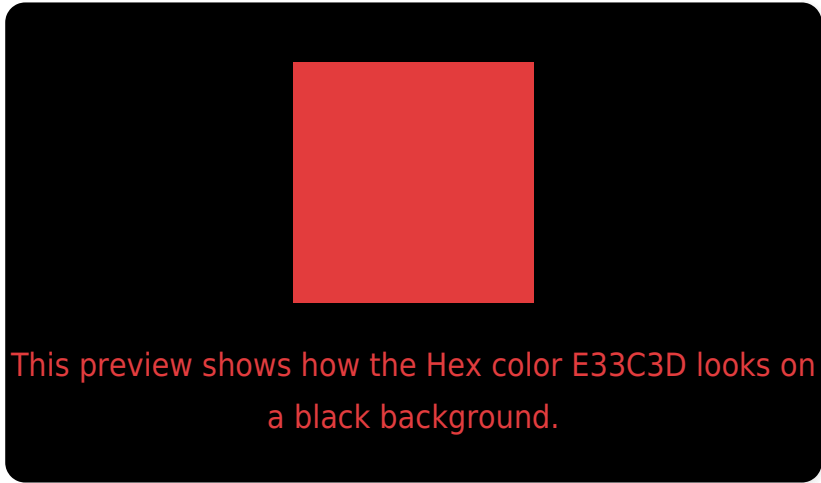
Large Text (above 18pt) WCAG AA ✓ Pass

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 E33C3D Background



This preview shows how black text looks on a background with the Hex color E33C3D.



This preview shows how white text looks on a background with the Hex color E33C3D.

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
E33C3D

Protanopia
867C52

Deuteranopia
9A7632



Tritanopia
E33C3E

Trichromacy



Original Color
E33C3D

Protanomaly
A8654A

Deuteranomaly
B56136

Tritanomaly
E33C3E

Monochromacy



Original Color
E33C3D

Achromatopsia
6E6E6E

Achromatomaly
995C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex E33C3D 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 #E33C3D looks like.

```
.text, #text, p{  
    color:#E33C3D  
}
```

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 #E33C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E33C3D
}
```

Border

The CSS property to change the border of an element to Hex E33C3D 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".

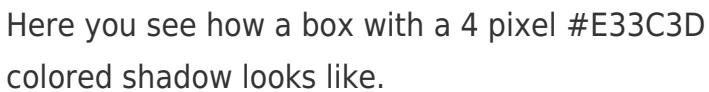
```
.border, #border, table{ border:4px solid
#E33C3D }
```

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

```
.border{ border-color:#E33C3D }
```

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

Here you see how a box with a 4 pixel #E33C3D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E33C3D; -webkit-box-shadow:4px 4px  
4px 4px #E33C3D; box-shadow:4px 4px 4px  
4px #E33C3D }
```

Background

The CSS property to change the background color of an element to Hex E33C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E33C3D }
```

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

```
.background{ background-color:#E33C3D }
```

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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