

Converting Colors

Hex(E53D33)

Have a look what the booklet for
Hex(E53D33) contains.

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Color

Hex(E53D33)

Conversions

Conversions Part 1

Format	Color
Hex	E53D33
RGB	229, 61, 51
RGB Percent	90%, 24%, 20%
CMY	0.1020, 0.7608, 0.8000
CMYK	0.00, 0.73, 0.78, 0.10
HSL	3°, 77%, 55%
HSV	3°, 78%, 90%
XYZ	34.5794, 20.2345, 5.2151
YIQ	110.0920, 103.3380, 32.5060

Conversions

Conversions Part 2

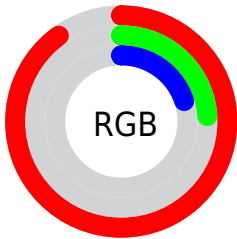
Format	Color
R_{YB}	229, 62, 51
Decimal	15023411
CIE Lab	52.10, 63.40, 44.78
CIE LCh	52, 77.622, 35.236
Yxy	20.2345, 0.5760, 0.3371
Android (android.graphics.Color)	4293213491 (0xFFE53D33)
YUV	110.0920, -29.1324, 104.2823
Hunter-Lab	44.9828, 58.4975, 24.6142

Details

The Hex color **E53D33** 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 **33DBE5**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7863**, and **A50005** is the 20% darker color. If you saturate the color by 10%, you get **E5271C**, and if you desaturate by 10%, it is **E5534A**.

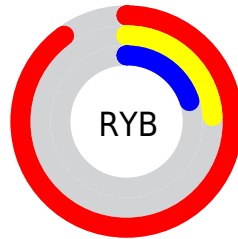
Distribution



Red (90%)

Green (24%)

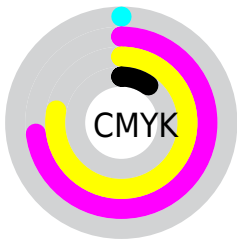
Blue (20%)



Red (90%)

Yellow (24%)

Blue (20%)

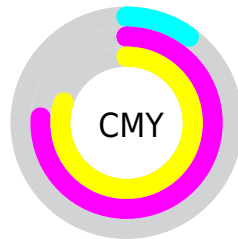


Cyan (0%)

Magenta (73%)

Yellow (78%)

Black (10%)



Cyan (10%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E53D33 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 E53D33 by changing the saturation by 10% instead.

 E53D33

 E53D33

FFFFFF

 C5181C

 FF7863

 A50005

 FF957C

 850000

 FFB196

 660000

 FFCEB1

 490002

 FFECCD

 2A0001

 FFFFEE9

 000000

 E53D33

 E53D33

 E5271C

 E5534A

 E51205

 E56861

 E50D00

 E57E78

 E5938F

 E5A9A6

 E5BFBC

 E5D4D3

 E5EAEA

 E5FFFF

Harmonies

Analogous

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



EE1C74



E53D33



C16300

Triad

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



E53D33



009540



0081FF

Complementary

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



E53D33



33DBE5

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.



0092F6



E53D33



009887

Square

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



E53D33



448D00



0098C8



8764EA

Rectangle

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



E53D33



A07600



0098C8



0088FF

Sweetspot

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



E53D33



FFC8C4



E533DC



805E5C



000000



808080

Same Dimension

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



E53D33



FF1F12



E59533



736867



B30A00



330300

Inverse Universe

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



33DBE5



12F2FF



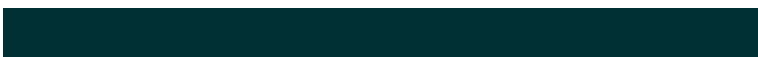
3383E5



677273



00A8B3



003033

Previews

White Background



This preview shows how the Hex color E53D33 looks on a white background.

Color Contrast Check

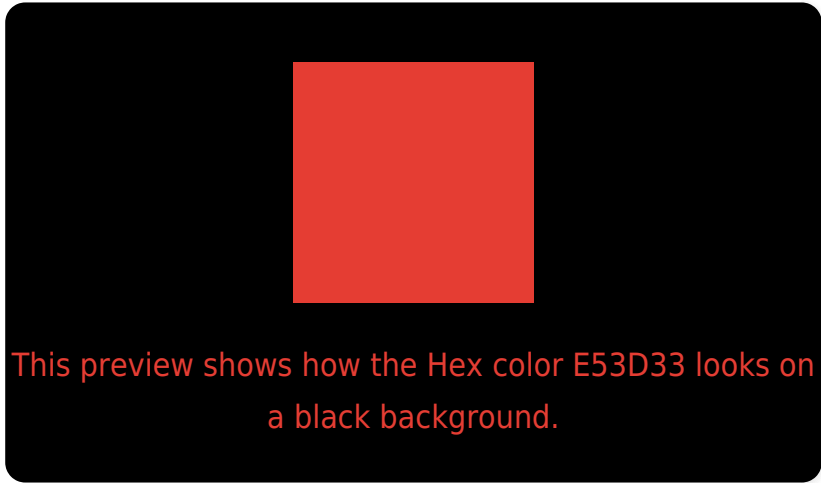
Large Text (above 18pt) WCAG AA ✓ Pass

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 E53D33 Background



This preview shows how black text looks on a background with the Hex color E53D33.



This preview shows how white text looks on a background with the Hex color E53D33.

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
E53D33

Protanopia
897D46

Deuteranopia
9C7626



Tritanopia
E53C3E

Trichromacy



Original Color
E53D33

Protanomaly
AA663F

Deuteranomaly
B7612B

Tritanomaly
E53C3A

Monochromacy



Original Color
E53D33

Achromatopsia
6E6E6E

Achromatomaly
995C59

CSS Examples

Text

The CSS property to change the color of the text to Hex E53D33 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 #E53D33 looks like.

```
.text, #text, p{  
    color:#E53D33  
}
```

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 #E53D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53D33
}
```

Border

The CSS property to change the border of an element to Hex E53D33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

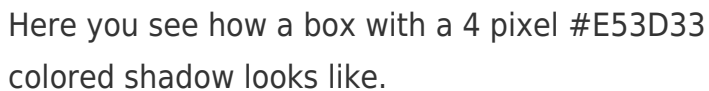
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E53D33 }
```

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

```
.border{ border-color:#E53D33 }
```

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



Here you see how a box with a 4 pixel `#E53D33` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53D33; -webkit-box-shadow:4px 4px  
4px 4px #E53D33; box-shadow:4px 4px 4px  
4px #E53D33 }
```

Background

The CSS property to change the background color of an element to Hex E53D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53D33 }
```

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

```
.background{ background-color:#E53D33 }
```

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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