

Converting Colors

Hex(E53031)

Have a look what the booklet for
Hex(E53031) contains.

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Color

Hex(E53031)

Conversions

Conversions Part 1

Format	Color
Hex	E53031
RGB	229, 48, 49
RGB Percent	90%, 19%, 19%
CMY	0.1020, 0.8118, 0.8078
CMYK	0.00, 0.79, 0.79, 0.10
HSL	360°, 78%, 54%
HSV	360°, 79%, 90%
XYZ	33.9244, 18.9937, 4.7839
YIQ	102.2330, 107.5550, 38.6830

Conversions

Conversions Part 2

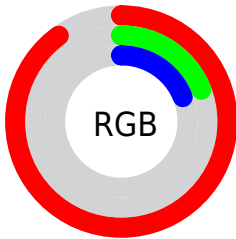
Format	Color
R_{YB}	229, 48, 49
Decimal	15020081
CIE Lab	50.68, 67.26, 44.39
CIE LCh	51, 80.589, 33.425
Yxy	18.9937, 0.5879, 0.3292
Android (android.graphics.Color)	4293210161 (0xFFE53031)
YUV	102.2330, -26.2439, 111.1747
Hunter-Lab	43.5817, 62.6781, 23.9991

Details

The Hex color **E53031** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **30E5E4**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6F60**, and **A40004** is the 20% darker color. If you saturate the color by 10%, you get **E5191A**, and if you desaturate by 10%, it is **E54748**.

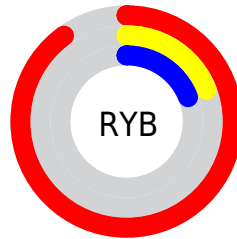
Distribution



Red (90%)

Green (19%)

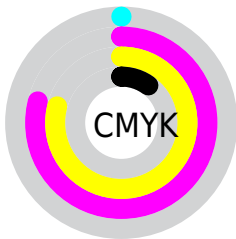
Blue (19%)



Red (90%)

Yellow (19%)

Blue (19%)

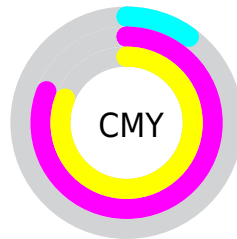


Cyan (0%)

Magenta (79%)

Yellow (79%)

Black (10%)



Cyan (10%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color E53031 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 E53031 by changing the saturation by 10% instead.

 E53031

 E53031

FFFFFF

 C5001B

 FF6F60

 A40004

 FF8C7A

 850000

 FFA994

 650000

 FFC6AE

 480003

 FFE4CA

 280001

 FFFFE6

 000000

 E53031

 E53031

 E5191A

 E54748

 E50203

 E55E5F

 E50001

 E57575

 E58C8C

 E5A3A3

 E5B9BA

 E5D0D0

 E5E7E7

 E5FEFE

Harmonies

Analogous

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



ED0074



E53031



C25C00

Triad

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



E53031



009235



0080FF

Complementary

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



E53031



30E5E4

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.



008FF5



E53031



00957F

Square

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



E53031



428900



0095C3



7B62ED

Rectangle

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



E53031



9F7100



0095C3



0086FF

Sweetspot

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



E53031



FFC2C2



E230E5



805B5B



000000



808080

Same Dimension

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



E53031



FF0D0E



E58730



736767



B30001



330000

Inverse Universe

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



E53031



FF0D0E



308EE5



736767



B30001



330000

Previews

White Background



This preview shows how the Hex color E53031 looks on a white background.

Color Contrast Check

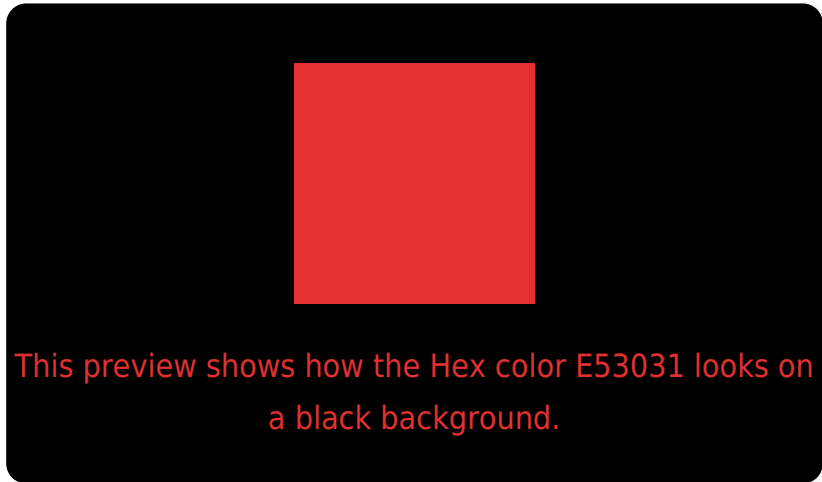
Large Text (above 18pt) WCAG AA ✓ Pass

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 E53031 Background



This preview shows how black text looks on a background with the Hex color E53031.



This preview shows how white text looks on a background with the Hex color E53031.

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
E53031

Protanopia
857946

Deuteranopia
987323



Tritanopia
E53030

Trichromacy



Original Color
E53031

Protanomaly
A85E3E

Deuteranomaly
B45B28

Tritanomaly
E53030

Monochromacy



Original Color
E53031

Achromatopsia
666666

Achromatomaly
945253

CSS Examples

Text

The CSS property to change the color of the text to Hex E53031 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 #E53031 looks like.

```
.text, #text, p{  
    color:#E53031  
}
```

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 #E53031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53031
}
```

Border

The CSS property to change the border of an element to Hex E53031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

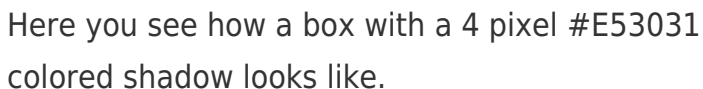
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E53031 }
```

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

```
.border{ border-color:#E53031 }
```

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



Here you see how a box with a 4 pixel #E53031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53031; -webkit-box-shadow:4px 4px  
4px 4px #E53031; box-shadow:4px 4px 4px  
4px #E53031 }
```

Background

The CSS property to change the background color of an element to Hex E53031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53031 }
```

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

```
.background{ background-color:#E53031 }
```

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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