

# Converting Colors

Hex(E63A35)

Have a look what the booklet for  
Hex(E63A35) contains.

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# Color

Hex(E63A35)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | E63A35                      |
| RGB         | 230, 58, 53                 |
| RGB Percent | 90%, 23%, 21%               |
| CMY         | 0.0980, 0.7725, 0.7922      |
| CMYK        | 0.00, 0.75, 0.77, 0.10      |
| HSL         | 2°, 78%, 55%                |
| HSV         | 2°, 77%, 90%                |
| XYZ         | 34.7888, 20.1061, 5.4155    |
| YIQ         | 108.8580, 104.1170, 34.9090 |

# Conversions

## Conversions Part 2

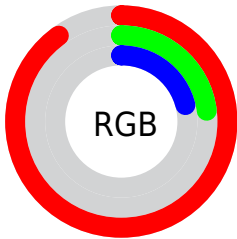
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 230, 58, 53                     |
| Decimal                             | 15088181                        |
| CIE Lab                             | 51.96, 64.74, 43.62             |
| CIE LCh                             | 52, 78.063, 33.968              |
| Yxy                                 | 20.1061, 0.5768,<br>0.3334      |
| Android<br>(android.graphics.Color) | 4293278261<br>(0xFFE63A35)      |
| YUV                                 | 108.8580, -27.5380,<br>106.2415 |
| Hunter-Lab                          | 44.8399, 60.0185,<br>24.2273    |

# Details

The Hex color **E63A35** 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 **35E1E6**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7665**, and **A60008** is the 20% darker color. If you saturate the color by 10%, you get **E6241E**, and if you desaturate by 10%, it is **E6504C**.

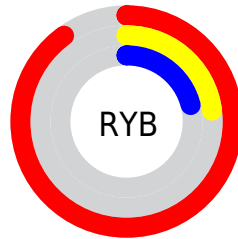
# Distribution



Red (90%)

Green (23%)

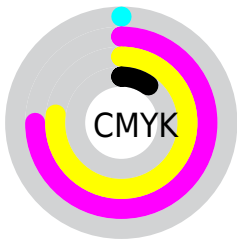
Blue (21%)



Red (90%)

Yellow (23%)

Blue (21%)

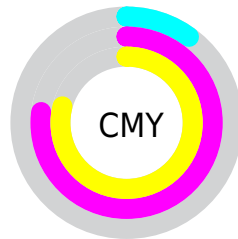


Cyan (0%)

Magenta (75%)

Yellow (77%)

Black (10%)



Cyan (10%)

Magenta (77%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E63A35 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 E63A35 by changing the saturation by 10% instead.



 E63A35

 E63A35

FFFFFF

 C6111F

 FF7665

 A60008

 FF937E

 860000

 FFAF98

 670000

 FFCDB3

 490003

 FFEACF

 2B0001

 FFFFEB

 000000

 E63A35

 E63A35

 E6241E

 E6504C

 E60D07

 E66763

 E60600

 E67D7A

 E69391

 E6AAA8

 E6C0BF

 E6D6D6

 E6EDED

 E6FFFF

# Harmonies

## Analogous

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



EE1976



E63A35



C36100

# Triad

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



E63A35



00953C



0082FF

# Complementary

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



E6A35



35E1E6

# 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.



0092F5



E63A35



009883

# Square

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



E63A35



478C00



0098C6



8265EC

# Rectangle

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



E63A35



A27500



0098C6



0089FF



# Sweetspot

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



E63A35



FFC6C4



E635E3



805D5C



000000



808080



# Same Dimension

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



E63A35



FF1B14



E69035



736867



B30500



330100



# Inverse Universe

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



35E1E6



14F8FF



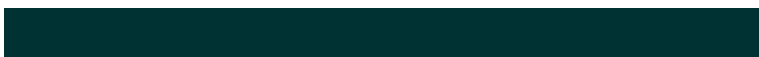
358BE6



677273



00ADB3



003233



# Previews

## White Background



This preview shows how the Hex color E63A35 looks on a white background.

## Color Contrast Check

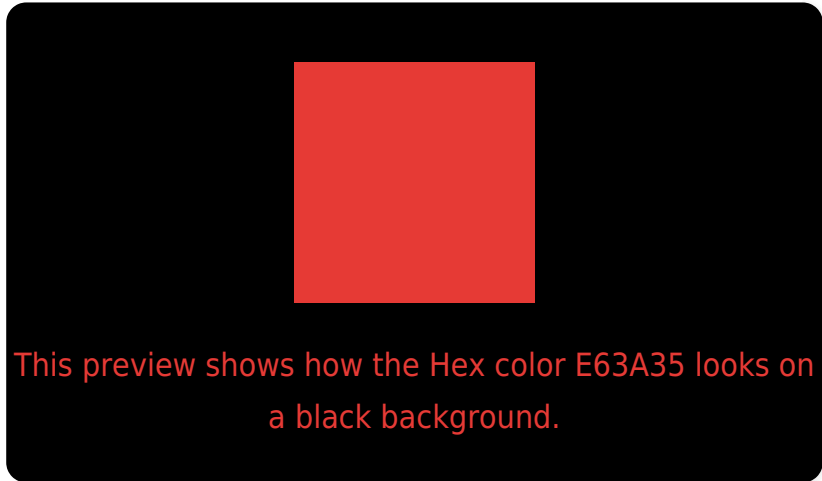
Large Text (above 18pt) WCAG AA ✓ Pass

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 E63A35 Background



This preview shows how black text looks on a background with the Hex color E63A35.



This preview shows how white text looks on a background with the Hex color E63A35.

# 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**  
E63A35

**Protanopia**  
887C49

**Deuteranopia**  
9C7628



**Tritanopia**  
E6393B

# Trichromacy



**Original Color**  
E63A35

**Protanomaly**  
AA6442

**Deuteranomaly**  
B7602D

**Tritanomaly**  
E63939

# Monochromacy



**Original Color**  
E63A35

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
995A59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E63A35 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 #E63A35 looks like.

```
.text, #text, p{  
  color:#E63A35  
}
```

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 #E63A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E63A35
}
```

## Border

The CSS property to change the border of an element to Hex E63A35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

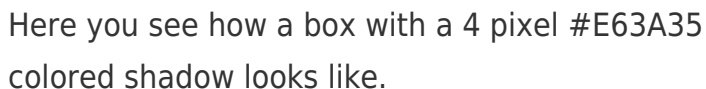
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E63A35 }
```

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

```
.border{ border-color:#E63A35 }
```

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



Here you see how a box with a 4 pixel #E63A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E63A35; -webkit-box-shadow:4px 4px  
4px 4px #E63A35; box-shadow:4px 4px 4px  
4px #E63A35 }
```

# Background

The CSS property to change the background color of an element to Hex E63A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E63A35 }
```

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

```
.background{ background-color:#E63A35 }
```

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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