

# Converting Colors

Hex(E03E36)

Have a look what the booklet for  
Hex(E03E36) contains.

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# Color

**Hex(E03E36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E03E36
RGB	224, 62, 54
RGB Percent	88%, 24%, 21%
CMY	0.1216, 0.7569, 0.7882
CMYK	0.00, 0.72, 0.76, 0.12
HSL	3°, 73%, 55%
HSV	3°, 76%, 88%
XYZ	33.1289, 19.5589, 5.5192
YIQ	109.5260, 99.1200, 31.8560

# Conversions

## Conversions Part 2

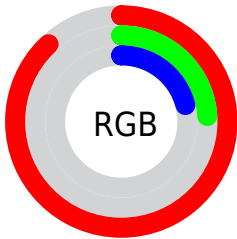
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 62, 54
Decimal	14695990
CIE <sub>Lab</sub>	51.33, 61.64, 42.08
CIE <sub>LCh</sub>	51, 74.634, 34.317
Yxy	19.5589, 0.5692, 0.3360
Android (android.graphics.Color)	4292886070 (0xFFE03E36)
YUV	109.5260, -27.3743, 100.3937
Hunter-Lab	44.2254, 56.3186, 23.5586

# Details

The Hex color **E03E36** 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 **36D8E0**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF7866**, and **A0000A** is the 20% darker color. If you saturate the color by 10%, you get **E02920**, and if you desaturate by 10%, it is **E0534C**.

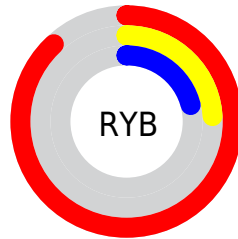
# Distribution



Red (88%)

Green (24%)

Blue (21%)



Red (88%)

Yellow (24%)

Blue (21%)

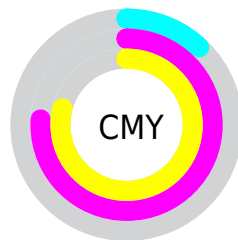


Cyan (0%)

Magenta (72%)

Yellow (76%)

Black (12%)



Cyan (12%)

Magenta (76%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E03E36 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 E03E36 by changing the saturation by 10% instead.



 E03E36

 E03E36

FFFFFF

 C01B20

 FF7866

 A0000A

 FF957F

 810000

 FFB199

 620000

 FFCEB4

 450003

 FFECD0

 260001

 FFFFEC

 000000

 E03E36

 E03E36

 E02920

 E0534C

 E01309

 E06963

 E00B00

 E07E79

 E09390

 E0A9A6

 E0BEBC

 E0D3D3

 E0E9E9

 E0FEFF

# Harmonies

## Analogous

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



E72474



E03E36



BF6100

# Triad

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



E03E36



00923F



0080FB

# Complementary

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



E03E36



36D8E0

# 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.



008FEE



E03E36



009682

# Square

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



E03E36



488A00



0095C1



8264E5

# Rectangle

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



E03E36



9E7400



0095C1



0086FB



# Sweetspot

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



E03E36



FFC7C4



E036DA



805D5C



000000



808080



# Same Dimension

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



E03E36



FF2217



E09136



706665



B00800



300200



# Inverse Universe

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



36D8E0



17F4FF



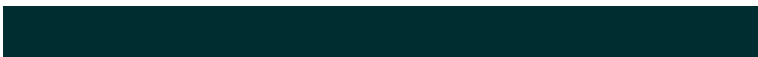
3685E0



657070



00A8B0



002E30



# Previews

## White Background



This preview shows how the Hex color E03E36 looks on a white background.

## Color Contrast Check

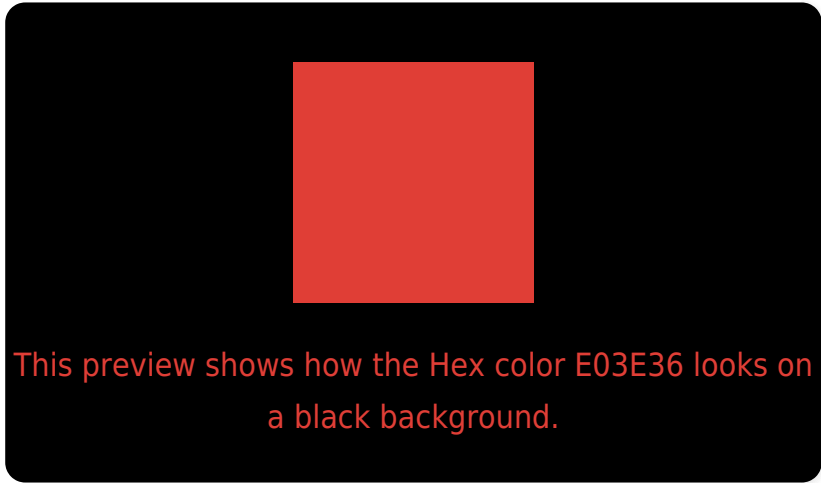
Large Text (above 18pt) WCAG AA ✓ Pass

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 E03E36 Background



This preview shows how black text looks on a background with the Hex color E03E36.



This preview shows how white text looks on a background with the Hex color E03E36.

# 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**  
E03E36

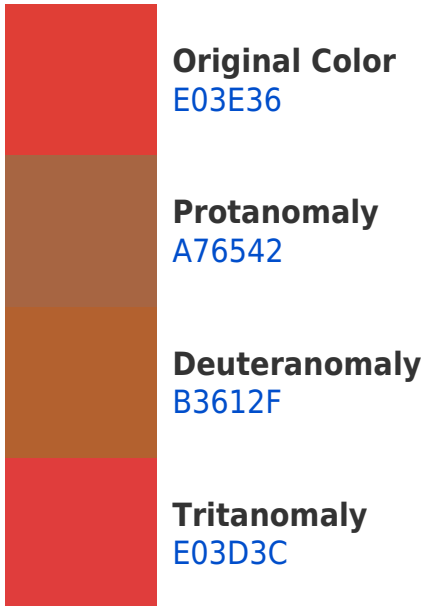
**Protanopia**  
867B49

**Deuteranopia**  
9A752B

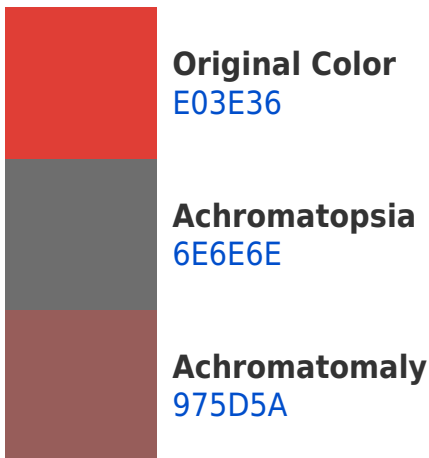


**Tritanopia**  
E03D3F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E03E36 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 #E03E36 looks like.

```
.text, #text, p{
  color:#E03E36
}
```

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 #E03E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03E36
}
```

## Border

The CSS property to change the border of an element to Hex E03E36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

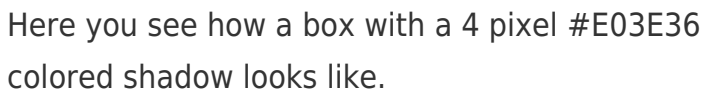
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E03E36 }
```

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

```
.border{ border-color:#E03E36 }
```

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



Here you see how a box with a 4 pixel #E03E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03E36; -webkit-box-shadow:4px 4px  
4px 4px #E03E36; box-shadow:4px 4px 4px  
4px #E03E36 }
```

# Background

The CSS property to change the background color of an element to Hex E03E36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03E36 }
```

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

```
.background{ background-color:#E03E36 }
```

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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