

Converting Colors

Hex(E03839)

Have a look what the booklet for
Hex(E03839) contains.

| | |
|--|----|
| Hex(E03839) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(E03839)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E03839 |
| RGB | 224, 56, 57 |
| RGB Percent | 88%, 22%, 22% |
| CMY | 0.1216, 0.7804, 0.7765 |
| CMYK | 0.00, 0.75, 0.75, 0.12 |
| HSL | 360°, 73%, 55% |
| HSV | 360°, 75%, 88% |
| XYZ | 32.8932, 18.9710, 5.7990 |
| YIQ | 106.3460, 99.8070, 35.9270 |

Conversions

Conversions Part 2

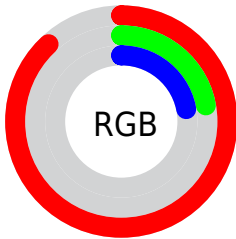
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 224, 56, 57 |
| Decimal | 14694457 |
| CIE _{Lab} | 50.65, 63.74, 39.67 |
| CIE _{LCh} | 51, 75.080, 31.897 |
| Yxy | 18.9710, 0.5704, 0.3290 |
| Android (android.graphics.Color) | 4292884537 (0xFFE03839) |
| YUV | 106.3460, -24.3276, 103.1826 |
| Hunter-Lab | 43.5558, 58.5800, 22.5952 |

Details

The Hex color **E03839** 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 **38E0DF**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF7469**, and **A0000E** is the 20% darker color. If you saturate the color by 10%, you get **E02223**, and if you desaturate by 10%, it is **E04E4F**.

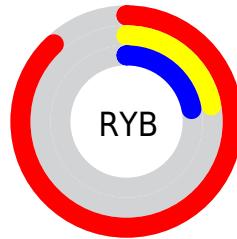
Distribution



Red (88%)

Green (22%)

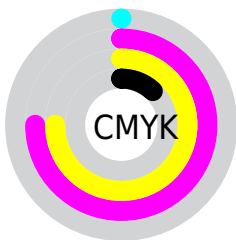
Blue (22%)



Red (88%)

Yellow (22%)

Blue (22%)

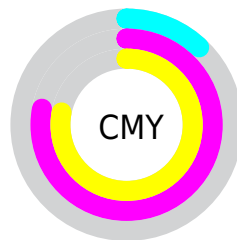


Cyan (0%)

Magenta (75%)

Yellow (75%)

Black (12%)



Cyan (12%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color E03839 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 E03839 by changing the saturation by 10% instead.

 E03839

 E03839

FFFFFF

 C00E23

 FF7469

 A0000E

 FF9082

 810000

 FFAD9C

 620000

 FFCAB7

 450003

 FFE8D3

 250001

 FFFFEF

 000000

 E03839

 E03839

 E02223

 E04E4F

 E00B0C

 E06566

 E00001

 E07B7C

 E09292

 E0A8A8

 E0BEBF

 E0D5D5

 E0EBEB

 E0FFFF

Harmonies

Analogous

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



E51F77



E03839



C05D00

Triad

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



E03839



009037



0080FA

Complementary

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



E03839



38E0DF

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.



008EEA



E03839



00947B

Square

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



E03839



4D8800



0094BB



7665E7

Rectangle

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



E03839



A17000



0094BB



0086F9

Sweetspot

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



E03839



FFC4C5



DD38E0



805C5C



000000



808080

Same Dimension

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



E03839



FF191B



E08938



706565



B00001



300000

Inverse Universe

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



E03839



FF191B



388FE0



706565



B00001



300000

Previews

White Background



This preview shows how the Hex color E03839 looks on a white background.

Color Contrast Check

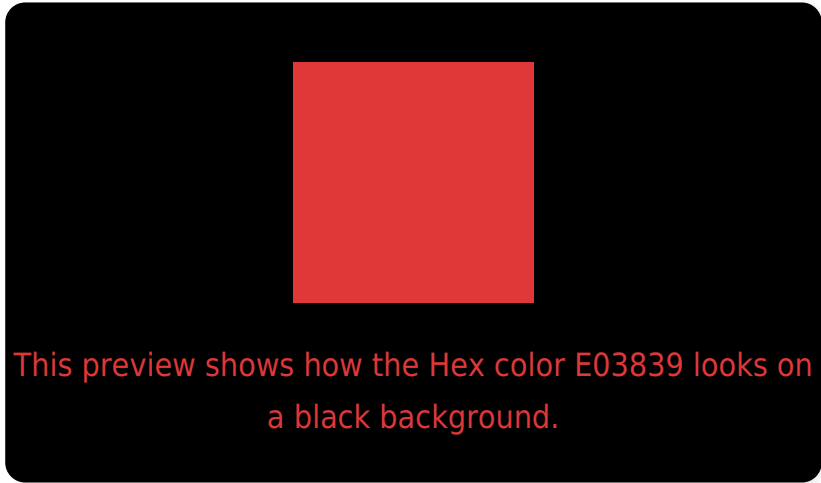
Large Text (above 18pt) WCAG AA ✓ Pass

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 E03839 Background



This preview shows how black text looks on a background with the Hex color E03839.



This preview shows how white text looks on a background with the Hex color E03839.

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
E03839

Protanopia
84794E

Deuteranopia
97732E



Tritanopia
E0383A

Trichromacy



Original Color
E03839

Protanomaly
A56146

Deuteranomaly
B25E32

Tritanomaly
E0383A

Monochromacy



Original Color
E03839

Achromatopsia
6A6A6A

Achromatomaly
955858

CSS Examples

Text

The CSS property to change the color of the text to Hex E03839 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 #E03839 looks like.

```
.text, #text, p{  
    color:#E03839  
}
```

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 #E03839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03839
}
```

Border

The CSS property to change the border of an element to Hex E03839 is called "border". The border property can be set on classes, ids or directly on the HTML element.

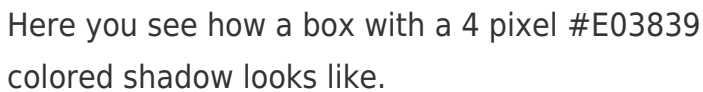
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E03839 }
```

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

```
.border{ border-color:#E03839 }
```

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



Here you see how a box with a 4 pixel #E03839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03839; -webkit-box-shadow:4px 4px  
4px 4px #E03839; box-shadow:4px 4px 4px  
4px #E03839 }
```

Background

The CSS property to change the background color of an element to Hex E03839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03839 }
```

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

```
.background{ background-color:#E03839 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor