

Converting Colors

Hex(E03B40)

Have a look what the booklet for
Hex(E03B40) contains.

Hex(E03B40)	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(E03B40)

Conversions

Conversions Part 1

Format	Color
Hex	E03B40
RGB	224, 59, 64
RGB Percent	88%, 23%, 25%
CMY	0.1216, 0.7686, 0.7490
CMYK	0.00, 0.74, 0.71, 0.12
HSL	358°, 73%, 55%
HSV	358°, 74%, 88%
XYZ	33.2298, 19.3454, 6.8331
YIQ	108.9050, 96.7350, 36.5350

Conversions

Conversions Part 2

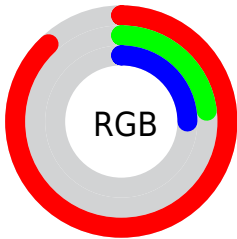
Format	Color
RYB	224, 59, 64
Decimal	14695232
CIELab	51.09, 63.06, 36.19
CIELCh	51, 72.707, 29.853
Yxy	19.3454, 0.5593, 0.3256
Android (android.graphics.Color)	4292885312 (0xFFE03B40)
YUV	108.9050, -22.1382, 100.9383
Hunter-Lab	43.9834, 57.8874, 21.5773

Details

The Hex color **E03B40** 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 **3BE0DB**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7670**, and **A10015** is the 20% darker color. If you saturate the color by 10%, you get **E0252A**, and if you desaturate by 10%, it is **E05156**.

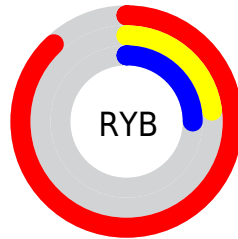
Distribution



Red (88%)

Green (23%)

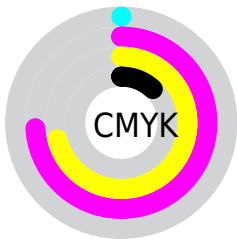
Blue (25%)



Red (88%)

Yellow (23%)

Blue (25%)

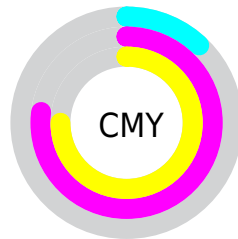


Cyan (0%)

Magenta (74%)

Yellow (71%)

Black (12%)



Cyan (12%)

Magenta (77%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E03B40 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 E03B40 by changing the saturation by 10% instead.

 E03B40

 E03B40

FFFFFF

 C0152A

 FF7670

 A10015

 FF938A

 820000

 FFAFA4

 630000

 FFCCBF

 460003

 FFEADB

 260001

 FFFFF8

 000000

 E03B40

 E03B40

 E0252A

 E05156

 E00E15

 E0686B

 E00007

 E07E81

 E09597

 E0ABAD

 E0C1C2

 E0D8D8

 E0EEEE

 E0FFFF

Harmonies

Analogous

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



E3297D



E03B40



C35D00

Triad

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



E03B40



009036



0082F7

Complementary

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



E03B40



3BE0DB

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.



008FE5



E03B40



009478

Square

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



E03B40



558800



0094B6



7169E7

Rectangle

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



E03B40



A56F00



0094B6



0088F5

Sweetspot

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



E03B40



FFC7C9



DB3BE0



805E5F



000000



808080

Same Dimension

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



E03B40



FF1F25



E0883B



706565



B00005



300001

Inverse Universe

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



E03B40



FF1F25



3B93E0



706565



B00005



300001

Previews

White Background



This preview shows how the Hex color E03B40 looks on a white background.

Color Contrast Check

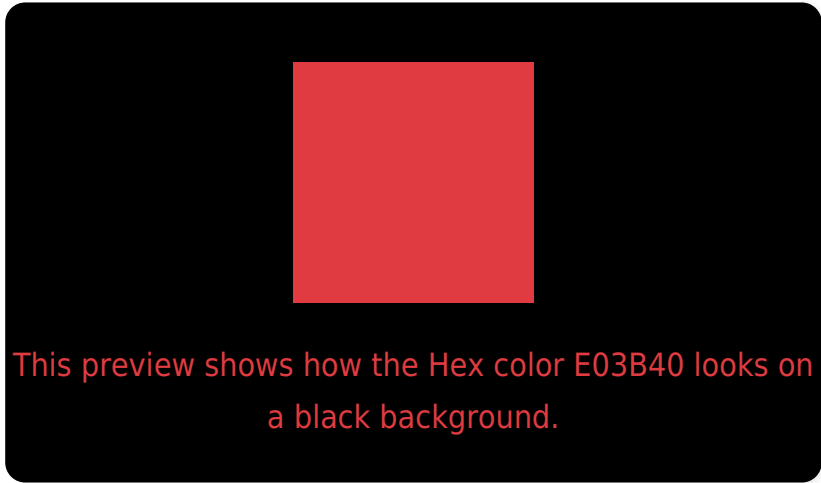
Large Text (above 18pt) WCAG AA ✓ Pass

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 E03B40 Background



This preview shows how black text looks on a background with the Hex color E03B40.



This preview shows how white text looks on a background with the Hex color E03B40.

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
E03B40

Protanopia
847A56

Deuteranopia
977436



Tritanopia
E03B3E

Trichromacy



Original Color
E03B40

Protanomaly
A5634E

Deuteranomaly
B25F3A

Tritanomaly
E03B3F

Monochromacy



Original Color
E03B40

Achromatopsia
6D6D6D

Achromatomaly
975B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex E03B40 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 #E03B40 looks like.

```
.text, #text, p{  
    color:#E03B40  
}
```

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 #E03B40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03B40
}
```

Border

The CSS property to change the border of an element to Hex E03B40 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
#E03B40 }
```

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

```
.border{ border-color:#E03B40 }
```

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

Here you see how a box with a 4 pixel #E03B40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03B40; -webkit-box-shadow:4px 4px  
4px 4px #E03B40; box-shadow:4px 4px 4px  
4px #E03B40 }
```

Background

The CSS property to change the background color of an element to Hex E03B40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03B40 }
```

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

```
.background{ background-color:#E03B40 }
```

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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