

Converting Colors

Hex(E03E1E)

Have a look what the booklet for
Hex(E03E1E) contains.

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Color

Hex(E03E1E)

Conversions

Conversions Part 1

Format	Color
Hex	E03E1E
RGB	224, 62, 30
RGB Percent	88%, 24%, 12%
CMY	0.1216, 0.7569, 0.8824
CMYK	0.00, 0.72, 0.87, 0.12
HSL	10°, 76%, 50%
HSV	10°, 87%, 88%
XYZ	32.6974, 19.3863, 3.2469
YIQ	106.7900, 106.8240, 24.3920

Conversions

Conversions Part 2

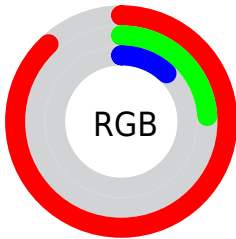
Format	Color
R_{YB}	224, 68, 30
Decimal	14695966
CIE _{Lab}	51.14, 60.96, 53.73
CIE _{LCh}	51, 81.264, 41.392
Yxy	19.3863, 0.5909, 0.3504
Android (android.graphics.Color)	4292886046 (0xFFE03E1E)
YUV	106.7900, -37.8575, 102.7932
Hunter-Lab	44.0299, 55.5054, 26.4487

Details

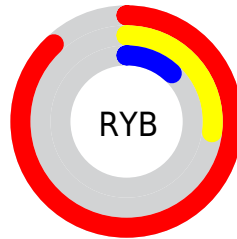
The Hex color **E03E1E** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1EC0E0**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF784F**, and **A00000** is the 20% darker color. If you saturate the color by 10%, you get **E02B08**, and if you desaturate by 10%, it is **E05134**.

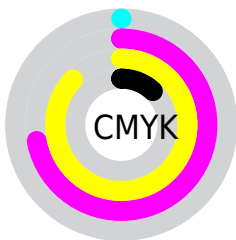
Distribution



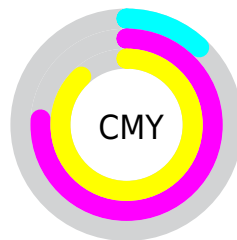
- Red (88%)
- Green (24%)
- Blue (12%)



- Red (88%)
- Yellow (27%)
- Blue (12%)



- Cyan (0%)
- Magenta (72%)
- Yellow (87%)
- Black (12%)



- Cyan (12%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color E03E1E 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 E03E1E by changing the saturation by 10% instead.

 E03E1E

 E03E1E

FFFFFF

 C01B03

 FF784F

 A00000

 FF9468

 800000

 FFB182

 610000

 FFCE9D

 440003

 FFEBB8

 240001

 FFFFD4

 000000

 FFFFF1

 E03E1E

 E03E1E

 E02B08

 E05134

 E02500

 E0634B

 E07661

 E08978

 E09C8E

 E0AEA4

 E0C1BB

 E0D4D1

 E0E6E8

Harmonies

Analogous

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



F00063



E03E1E



B66600

Triad

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



E03E1E



00944A



007AFF

Complementary

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



E03E1E



1EC0E0

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.



008EFF



E03E1E



009793

Square

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



E03E1E



1E8D00



0096D5



9A58E3

Rectangle

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



E03E1E



917800



0096D5



0082FF

Sweetspot

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



E03E1E



FFC8BD



E01EC3



805E58



000000



808080

Same Dimension

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



E03E1E



FF2A00



E09C1E



706765



B01D00



300800

Inverse Universe

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



1EC0E0



00D5FF



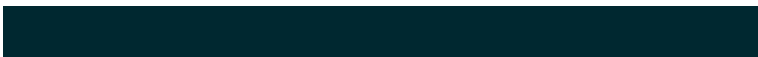
1E62E0



656E70



0093B0



002830

Previews

White Background



This preview shows how the Hex color E03E1E looks on a white background.

Color Contrast Check

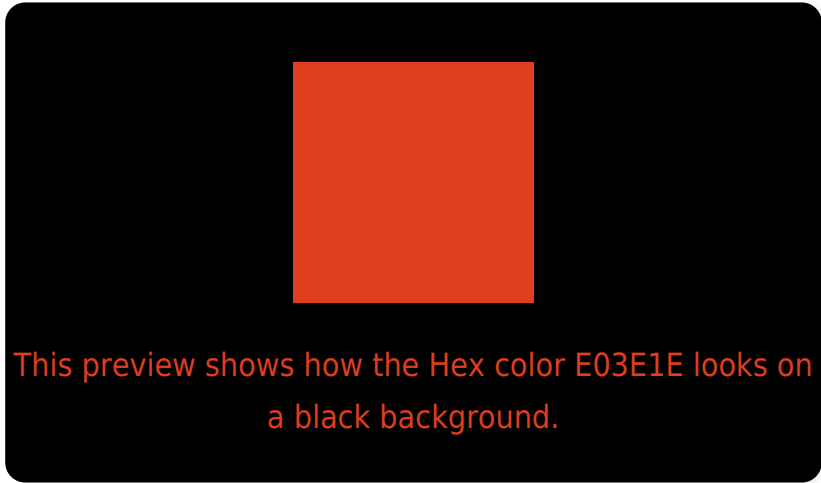
Large Text (above 18pt) WCAG AA ✓ Pass

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 E03E1E Background



This preview shows how black text looks on a background with the Hex color E03E1E.



This preview shows how white text looks on a background with the Hex color E03E1E.

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
E03E1E

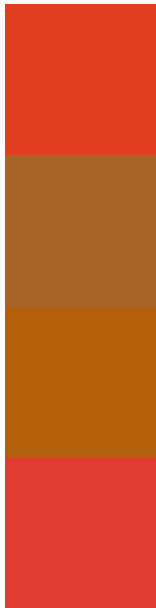
Protanopia
897B2D

Deuteranopia
9B7400



Tritanopia
E13B3D

Trichromacy



Original Color
E03E1E

Protanomaly
A96528

Deuteranomaly
B4600B

Tritanomaly
E13C32

Monochromacy



Original Color
E03E1E

Achromatopsia
6B6B6B

Achromatomaly
965B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex E03E1E 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 #E03E1E looks like.

```
.text, #text, p{  
    color:#E03E1E  
}
```

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 #E03E1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03E1E
}
```

Border

The CSS property to change the border of an element to Hex E03E1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

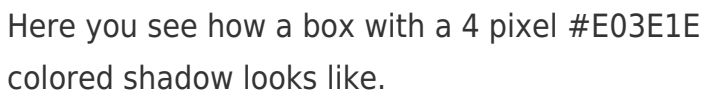
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E03E1E }
```

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

```
.border{ border-color:#E03E1E }
```

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



Here you see how a box with a 4 pixel `#E03E1E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03E1E; -webkit-box-shadow:4px 4px  
4px 4px #E03E1E; box-shadow:4px 4px 4px  
4px #E03E1E }
```

Background

The CSS property to change the background color of an element to Hex E03E1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03E1E }
```

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

```
.background{ background-color:#E03E1E }
```

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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