

# Converting Colors

Hex(E0451E)

Have a look what the booklet for  
Hex(E0451E) contains.

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**Color**

**Hex(E0451E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0451E
RGB	224, 69, 30
RGB Percent	88%, 27%, 12%
CMY	0.1216, 0.7294, 0.8824
CMYK	0.00, 0.69, 0.87, 0.12
HSL	12°, 76%, 50%
HSV	12°, 87%, 88%
XYZ	33.1029, 20.1973, 3.3820
YIQ	110.8990, 104.8990, 20.7310

# Conversions

## Conversions Part 2

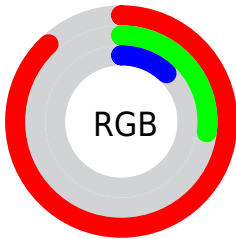
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 79, 30
Decimal	14697758
CIE <sub>Lab</sub>	52.06, 58.43, 54.48
CIE <sub>LCh</sub>	52, 79.882, 42.995
Yxy	20.1973, 0.5840, 0.3563
Android (android.graphics.Color)	4292887838 (0xFFE0451E)
YUV	110.8990, -39.8832, 99.1896
Hunter-Lab	44.9414, 52.8322, 26.9971

# Details

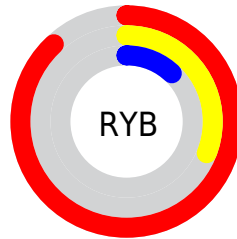
The Hex color **E0451E** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **1EB9E0**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF7D4F**, and **A00000** is the 20% darker color. If you saturate the color by 10%, you get **E03308**, and if you desaturate by 10%, it is **E05734**.

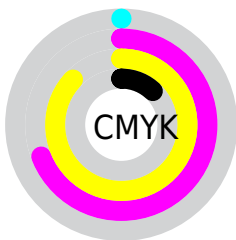
# Distribution



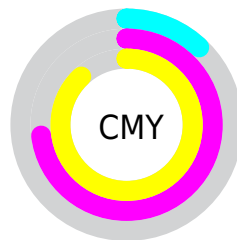
- Red (88%)
- Green (27%)
- Blue (12%)



- Red (88%)
- Yellow (31%)
- Blue (12%)



- Cyan (0%)
- Magenta (69%)
- Yellow (87%)
- Black (12%)



- Cyan (12%)
- Magenta (73%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0451E 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 E0451E by changing the saturation by 10% instead.



 E0451E

 E0451E

FFFFFF

 C02602

 FF7D4F

 A00000

 FF9A69

 800000

 FFB683

 610000

 FFD39D

 450002

 FFF0B9

 260001

 FFFFD5

 000000

 FFFFF1

 E0451E

 E0451E

 E03308

 E05734

 E02D00

 E0694B

 E07B61

 E08D78

 E09E8E

 E0B0A4

 E0C2BB

 E0D4D1

 E0E6E8

# Harmonies

## Analogous

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



F11562



E0451E



B66A00

# Triad

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



E0451E



009751



007BFF

# Complementary

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



E0451E



1EB9E0

# 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.



008FFF



E0451E



009999

# Square

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



E0451E



1C9000



0098D9



A159E2

# Rectangle

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



E0451E



917C00



0098D9



0083FF



# Sweetspot

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



E0451E



FFCABD



E01EB9



806058



000000



808080



# Same Dimension

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



E0451E



FF3300



E0A61E



706765



B02300



300A00

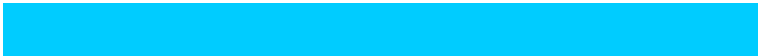


# Inverse Universe

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



1EB9E0



00CCFF



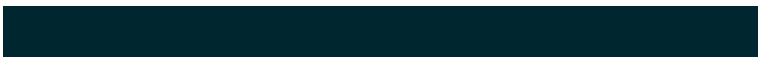
1E58E0



656E70



008DB0



002730



# Previews

## White Background



This preview shows how the Hex color E0451E looks on a white background.

## Color Contrast Check

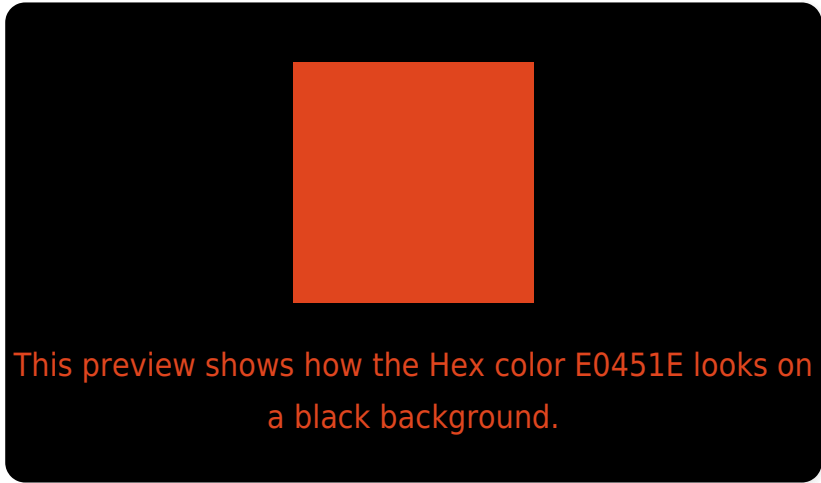
Large Text (above 18pt) WCAG AA ✓ Pass

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 E0451E Background



This preview shows how black text looks on a background with the Hex color E0451E.

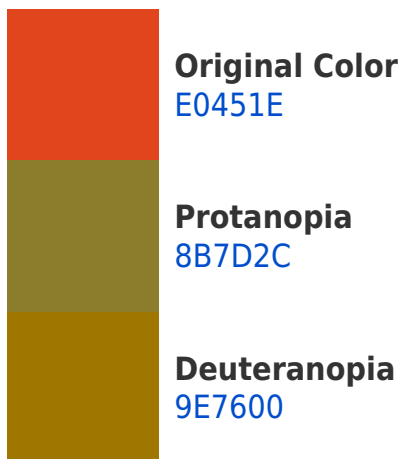


This preview shows how white text looks on a background with the Hex color E0451E.

# 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





# Trichromacy



**Original Color**  
E0451E

**Protanomaly**  
AA6927

**Deuteranomaly**  
B6640B

**Tritanomaly**  
E14236

# Monochromacy



**Original Color**  
E0451E

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
986052

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0451E 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 #E0451E looks like.

```
.text, #text, p{  
    color:#E0451E  
}
```

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 #E0451E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0451E
}
```

## Border

The CSS property to change the border of an element to Hex E0451E 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".

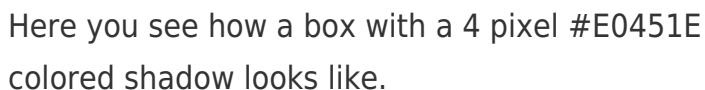
```
.border, #border, table{ border:4px solid
#E0451E }
```

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

```
.border{ border-color:#E0451E }
```

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

Here you see how a box with a 4 pixel #E0451E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0451E; -webkit-box-shadow:4px 4px  
4px 4px #E0451E; box-shadow:4px 4px 4px  
4px #E0451E }
```

# Background

The CSS property to change the background color of an element to Hex E0451E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0451E }
```

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

```
.background{ background-color:#E0451E }
```

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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