

# Converting Colors

Hex(E03015)

Have a look what the booklet for  
Hex(E03015) contains.

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**Color**

**Hex(E03015)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E03015
RGB	224, 48, 21
RGB Percent	88%, 19%, 8%
CMY	0.1216, 0.8118, 0.9176
CMYK	0.00, 0.79, 0.91, 0.12
HSL	8°, 83%, 48%
HSV	8°, 91%, 88%
XYZ	31.9328, 18.0153, 2.5037
YIQ	97.5460, 113.5630, 28.9150

# Conversions

## Conversions Part 2

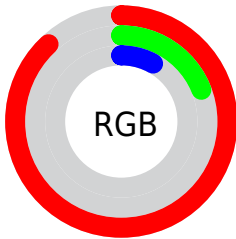
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 52, 21
Decimal	14692373
CIE Lab	49.51, 65.20, 56.08
CIE LCh	50, 86.003, 40.701
Yxy	18.0153, 0.6088, 0.3435
Android (android.graphics.Color)	4292882453 (0xFFE03015)
YUV	97.5460, -37.7372, 110.9002
Hunter-Lab	42.4445, 60.0153, 26.2137

# Details

The Hex color **E03015** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **15C5E0**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF6D47**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E01E00**, and if you desaturate by 10%, it is **E0432B**.

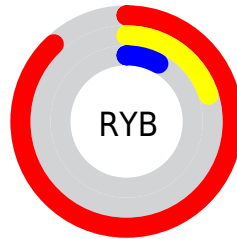
# Distribution



Red (88%)

Green (19%)

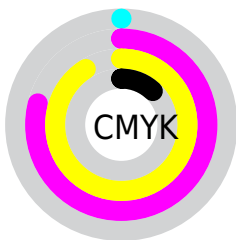
Blue (8%)



Red (88%)

Yellow (20%)

Blue (8%)

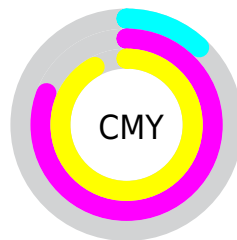


Cyan (0%)

Magenta (79%)

Yellow (91%)

Black (12%)



Cyan (12%)

Magenta (81%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E03015 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 E03015 by changing the saturation by 10% instead.



 E03015

 E03015

FFFFFF

 BF0000

 FF6D47

 9F0000

 FF8A60

 7F0000

 FFA779

 600000

 FFC494

 430003

 FFE2AF

 220001

 FFFFCB

 000000

 FFFFE7

 E03015

 E03015

 E01E00

 E0432B

 E05742

 E06A58

 E07E6F

 E09185

 E0A59B

 E0B8B2

 E0CBC8

 E0DFDF

# Harmonies

## Analogous

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



F1005F



E03015



B56000

# Triad

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



E03015



009141



0077FF

# Complementary

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



E03015



15C5E0

# 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.



008BFF



E03015



00938F

# Square

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



E03015



048A00



0093D5



9452E6

# Rectangle

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



E03015



8E7400



0093D5



0080FF



# Sweetspot

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



E03015



FFC3BA



E015C8



805C57



000000



808080



# Same Dimension

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



E03015



FF2200



E09215



706665



B01700



300600

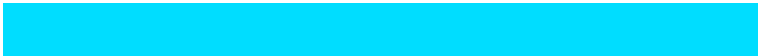


# Inverse Universe

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



15C5E0



00DDFF



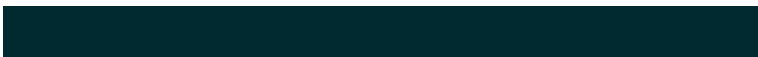
1563E0



656F70



0099B0



002A30



# Previews

## White Background



This preview shows how the Hex color E03015 looks on a white background.

## Color Contrast Check

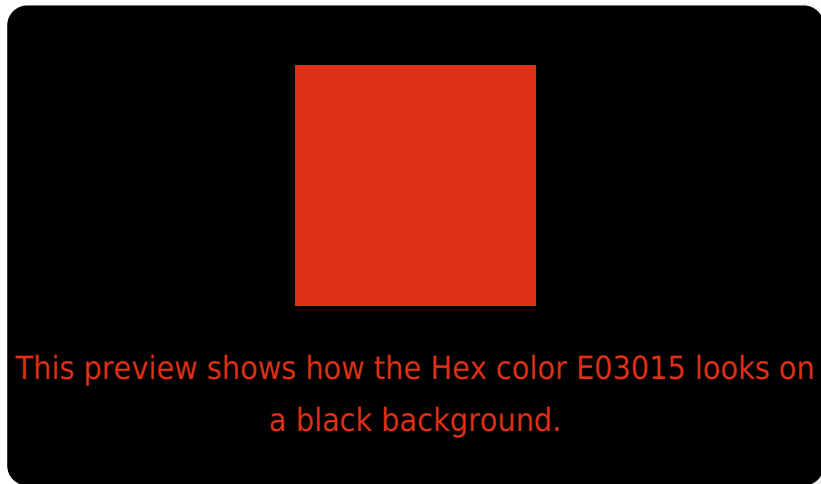
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 E03015 Background



This preview shows how black text looks on a background with the Hex color E03015.



This preview shows how white text looks on a background with the Hex color E03015.

# 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



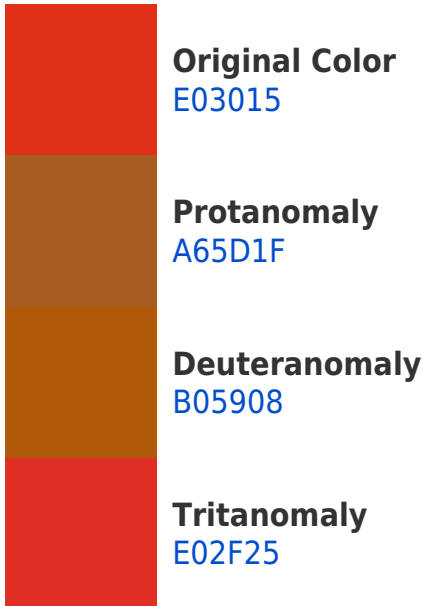
**Original Color**  
E03015

**Protanopia**  
857725

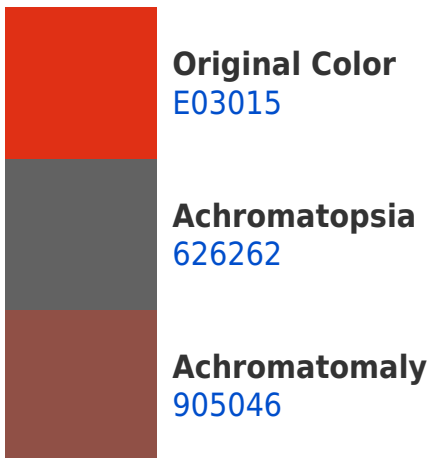
**Deuteranopia**  
957000



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E03015 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 #E03015 looks like.

```
.text, #text, p{  
    color:#E03015  
}
```

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 #E03015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03015 }  
}
```

## Border

The CSS property to change the border of an element to Hex E03015 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 #E03015 }  
}
```

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

```
.border{ border-color:#E03015 }
```

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

Here you see how a box with a 4 pixel #E03015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03015; -webkit-box-shadow:4px 4px  
4px 4px #E03015; box-shadow:4px 4px 4px  
4px #E03015 }
```

# Background

The CSS property to change the background color of an element to Hex E03015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03015 }
```

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

```
.background{ background-color:#E03015 }
```

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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