

# Converting Colors

Hex(E01E00)

Have a look what the booklet for  
Hex(E01E00) contains.

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**Color**

**Hex(E01E00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E01E00
RGB	224, 30, 0
RGB Percent	88%, 12%, 0%
CMY	0.1216, 0.8824, 1.0000
CMYK	0.00, 0.87, 1.00, 0.12
HSL	8°, 100%, 44%
HSV	8°, 100%, 88%
XYZ	31.2047, 16.7758, 1.5934
YIQ	84.5860, 125.2540, 31.7980

# Conversions

## Conversions Part 2

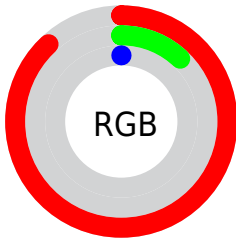
Format	Color
<a href="#">RYB</a>	<a href="#">224, 35, 0</a>
Decimal	<a href="#">14687744</a>
CIELab	<a href="#">47.98, 69.17, 61.38</a>
CIELCh	<a href="#">48, 92.480, 41.587</a>
Yxy	<a href="#">16.7758, 0.6295, 0.3384</a>
Android (android.graphics.Color)	<a href="#">4292877824</a> (0xFFE01E00)
YUV	<a href="#">84.5860, -41.7009, 122.2661</a>
Hunter-Lab	<a href="#">40.9583, 64.3160, 26.3643</a>

# Details

The Hex color **E01E00** 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 **00C2E0**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF6338**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **E01E00**, and if you desaturate by 10%, it is **E03116**.

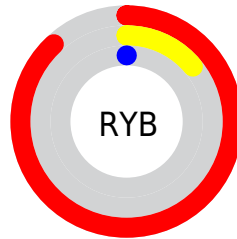
# Distribution



Red (88%)

Green (12%)

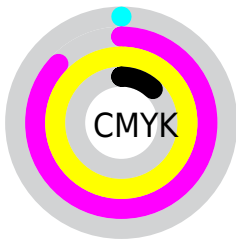
Blue (0%)



Red (88%)

Yellow (14%)

Blue (0%)

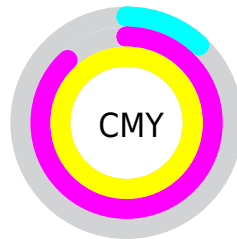


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (88%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E01E00 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 E01E00 by changing the saturation by 10% instead.



 E01E00

 E01E00

 FFFFF5

 BF0000

 FF6338

 9E0000

 FF8052

 7E0000

 FF9E6B

 5E0001

 FFBB85

 410003

 FFD8A0

 1F0001

 FFF6BC

 000000

 FFFFD8

 E01E00

 E03116

 E0452D

 E05843

 E06C5A

 E07F70

 E09286

 E0A69D

 E0B9B3

 E0CDCA

# Harmonies

## Analogous

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



F40058



E01E00



B15B00

# Triad

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



E01E00



008E3C



0073FF

# Complementary

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



E01E00



00C2E0

# 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.



0088FF



E01E00



00908F

# Square

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



E01E00



008700



0090DA



9448E9

# Rectangle

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



E01E00



887100



0090DA



007CFF



# Sweetspot

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



E01E00



FFBDB3



E000C2



805852



000000



808080



# Same Dimension

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



E01E00



FF2200



E08E00



706665



B01800



300600

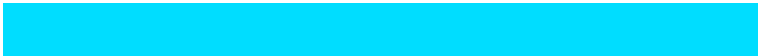


# Inverse Universe

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



00C2E0



00DDFF



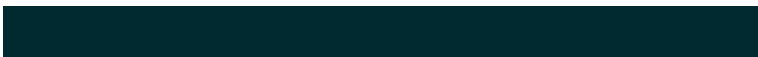
0052E0



656F70



0098B0



002A30



# Previews

## White Background



This preview shows how the Hex color E01E00 looks on a white background.

## Color Contrast Check

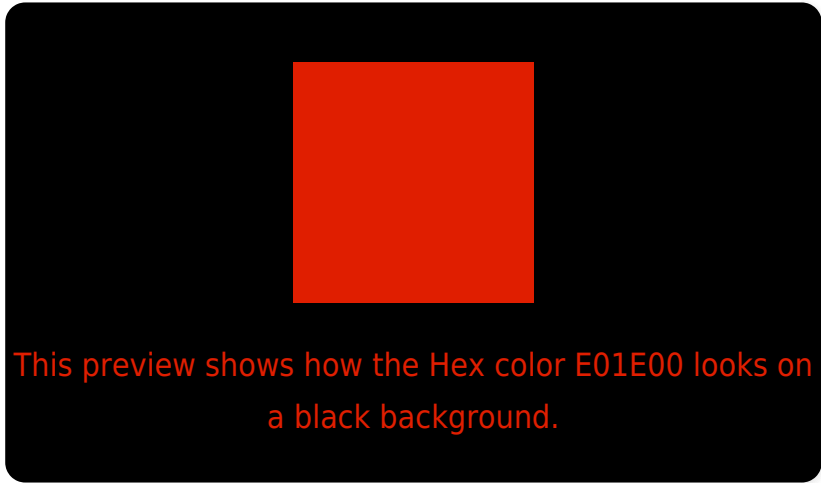
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E01E00 Background



This preview shows how black text looks on a background with the Hex color E01E00.

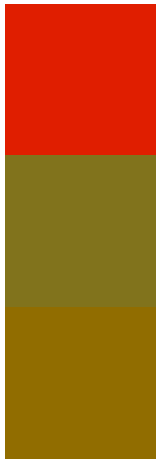


This preview shows how white text looks on a background with the Hex color E01E00.

# 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**  
E01E00

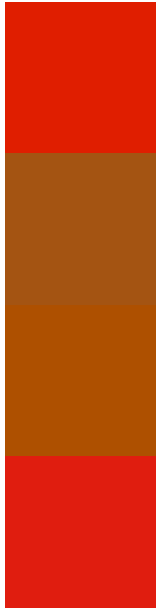
**Protanopia**  
81731C

**Deuteranopia**  
916D00



**Tritanopia**  
E01D18

# Trichromacy



**Original Color**  
E01E00

**Protanomaly**  
A45412

**Deuteranomaly**  
AE5000

**Tritanomaly**  
E01D0F

# Monochromacy



**Original Color**  
E01E00

**Achromatopsia**  
555555

**Achromatomaly**  
884136

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E01E00 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 #E01E00 looks like.

```
.text, #text, p{  
    color:#E01E00  
}
```

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 #E01E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01E00
}
```

## Border

The CSS property to change the border of an element to Hex E01E00 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
#E01E00 }
```

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

```
.border{ border-color:#E01E00 }
```

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

Here you see how a box with a 4 pixel #E01E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01E00; -webkit-box-shadow:4px 4px  
4px 4px #E01E00; box-shadow:4px 4px 4px  
4px #E01E00 }
```

# Background

The CSS property to change the background color of an element to Hex E01E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01E00 }
```

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

```
.background{ background-color:#E01E00 }
```

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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