

# Converting Colors

Hex(E0001E)

Have a look what the booklet for  
Hex(E0001E) contains.

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**Color**

**Hex(E0001E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0001E
RGB	224, 0, 30
RGB Percent	88%, 0%, 12%
CMY	0.1216, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.87, 0.12
HSL	352°, 100%, 44%
HSV	352°, 100%, 88%
XYZ	30.9748, 15.9410, 2.6727
YIQ	70.3960, 123.8740, 56.8180

# Conversions

## Conversions Part 2

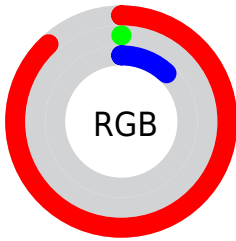
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 0, 30
Decimal	14680094
CIELab	46.90, 72.97, 50.32
CIElCh	47, 88.640, 34.588
Yxy	15.9410, 0.6246, 0.3215
Android (android.graphics.Color)	4292870174 (0xFFE0001E)
YUV	70.3960, -19.9152, 134.7107
Hunter-Lab	39.9262, 68.6096, 23.9795

# Details

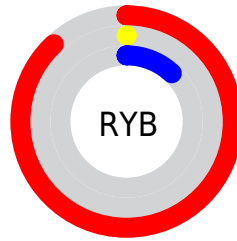
The Hex color **E0001E** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **00E0C2**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5A4D**, and **9F0000** is the 20% darker color. If you saturate the color by 10%, you get **E0001E**, and if you desaturate by 10%, it is **E01631**.

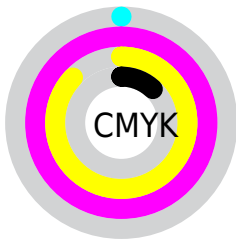
# Distribution



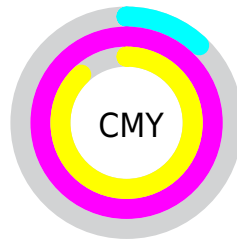
- Red (88%)
- Green (0%)
- Blue (12%)



- Red (88%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (87%)
- Black (12%)



- Cyan (12%)
- Magenta (100%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0001E 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 E0001E by changing the saturation by 10% instead.



 E0001E

 E0001E

FFFFFF

 BF0007

 FF5A4D

 9F0000

 FF7865

 7E0000

 FF967F

 5E0002

 FFB499

 410003

 FFD2B4

 1E0001

 FFF0D0

 000000

 FFFFEC

 E0001E

 E01631

 E02D45

 E04358

 E05A6C

 E0707F

 E08692

 E09DA6

 E0B3B9

 E0CACD

# Harmonies

## Analogous

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



EB0067



E0001E



B95100

# Triad

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



E0001E



008927



0077FF

# Complementary

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



E0001E



00E0C2

# 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.



0087F8



E0001E



008C79

# Square

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



E0001E



248100



008DC3



7254EC

# Rectangle

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



E0001E



936800



008DC3



007EFF



# Sweetspot

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



E0001E



FFB3BD



BE00E0



805258



000000



808080



# Same Dimension

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



E0001E



FF0022



E04E00



706566



B00018



300006



# Inverse Universe

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



E0001E



FF0022



0092E0



706566



B00018



300006



# Previews

## White Background



This preview shows how the Hex color E0001E looks on a white background.

## Color Contrast Check

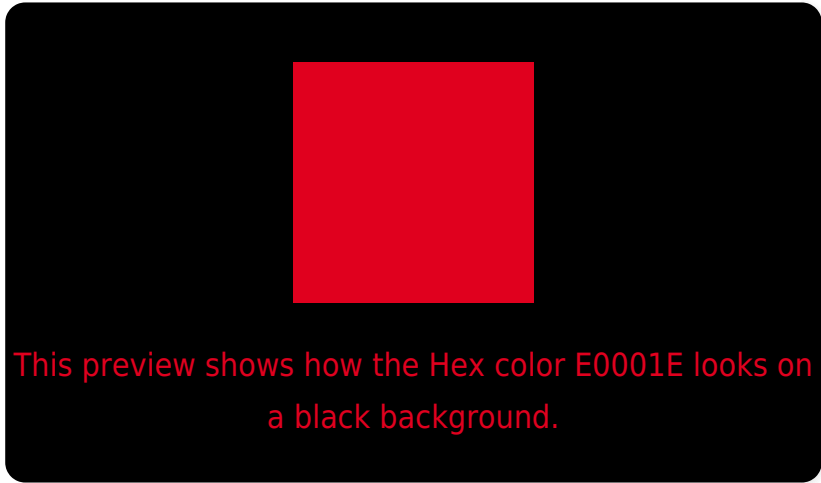
Large Text (above 18pt) WCAG AA ✓ Pass

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 E0001E Background



This preview shows how black text looks on a background with the Hex color E0001E.



This preview shows how white text looks on a background with the Hex color E0001E.

# 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**  
E0001E

**Protanopia**  
7E7133

**Deuteranopia**  
8F6B00



# Trichromacy



**Original Color**  
E0001E



**Protanomaly**  
A2482B



**Deuteranomaly**  
AC440B



**Tritanomaly**  
DF0D0B

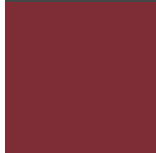
# Monochromacy



**Original Color**  
E0001E



**Achromatopsia**  
464646



**Achromatomaly**  
7E2D37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0001E 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 #E0001E looks like.

```
.text, #text, p{  
    color:#E0001E  
}
```

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 #E0001E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0001E
}
```

## Border

The CSS property to change the border of an element to Hex E0001E is called "border". The border property can be set on classes, ids or directly on the HTML element.

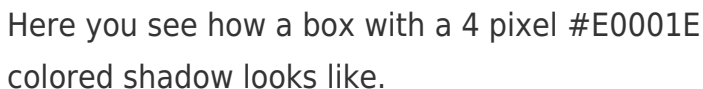
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E0001E }
```

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

```
.border{ border-color:#E0001E }
```

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



Here you see how a box with a 4 pixel #E0001E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0001E; -webkit-box-shadow:4px 4px  
4px 4px #E0001E; box-shadow:4px 4px 4px  
4px #E0001E }
```

# Background

The CSS property to change the background color of an element to Hex E0001E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0001E }
```

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

```
.background{ background-color:#E0001E }
```

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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