

# Converting Colors

Hex(E00018)

Have a look what the booklet for  
Hex(E00018) contains.

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**Color**

**Hex(E00018)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E00018
RGB	224, 0, 24
RGB Percent	88%, 0%, 9%
CMY	0.1216, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.89, 0.12
HSL	354°, 100%, 44%
HSV	354°, 100%, 88%
XYZ	30.9053, 15.9132, 2.3068
YIQ	69.7120, 125.8000, 54.9520

# Conversions

## Conversions Part 2

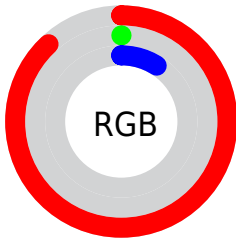
Format	Color
<b>RYB</b>	224, 0, 24
Decimal	14680088
CIELab	46.86, 72.87, 53.04
CIElCh	47, 90.131, 36.048
Yxy	15.9132, 0.6291, 0.3239
Android (android.graphics.Color)	4292870168 (0xFFE00018)
YUV	69.7120, -22.5360, 135.3106
Hunter-Lab	39.8914, 68.4806, 24.4954

# Details

The Hex color **E00018** 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 **00E0C8**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5A47**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **E00018**, and if you desaturate by 10%, it is **E0162C**.

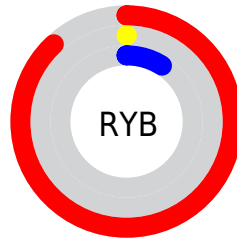
# Distribution



Red (88%)

Green (0%)

Blue (9%)



Red (88%)

Yellow (0%)

Blue (9%)

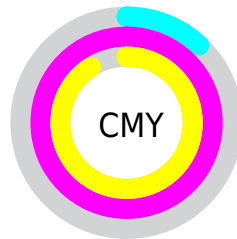


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (12%)



Cyan (12%)

Magenta (100%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E00018 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 E00018 by changing the saturation by 10% instead.



 E00018

 E00018

FFFFFF

 BF0000

 FF5A47

 9E0000

 FF7860

 7E0000

 FF9679

 5E0002

 FFB494

 400003

 FFD1AF

 1E0001

 FFEFCA

 000000

 FFFFE7

 E00018

 E0162C

 E02D40

 E04354

 E05A68

 E0707C

 E08690

 E09DA4

 E0B3B8

 E0CACC

# Harmonies

## Analogous

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



ED0064



E00018



B75200

# Triad

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



E00018



00892A



0076FF

# Complementary

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



E00018



00E0C8

# 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.



0087FC



E00018



008C7D

# Square

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



E00018



158200



008DC8



7851EC

# Rectangle

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



E00018



906900



008DC8



007DFF



# Sweetspot

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



E00018



FFB3BB



C600E0



805257



000000



808080



# Same Dimension

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



E00018



FF001B



E05600



706566



B00013



300005



# Inverse Universe

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



E00018



FF001B



008AE0



706566



B00013



300005



# Previews

## White Background



This preview shows how the Hex color E00018 looks on a white background.

## Color Contrast Check

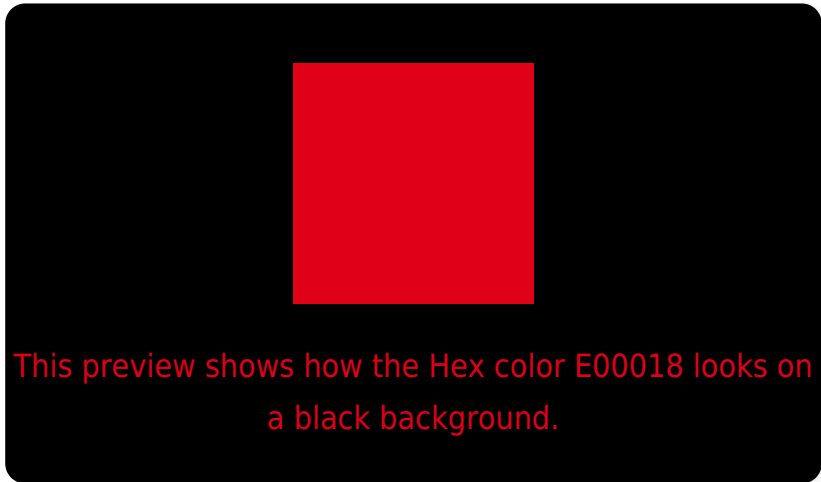
Large Text (above 18pt) WCAG AA ✓ Pass

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 E00018 Background



This preview shows how black text looks on a background with the Hex color E00018.



This preview shows how white text looks on a background with the Hex color E00018.

# 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**  
E00018

**Protanopia**  
7E712C

**Deuteranopia**  
8F6B00



**Tritanopia**  
DF1400

# Trichromacy



**Original Color**  
E00018



**Protanomaly**  
A24825



**Deuteranomaly**  
AC4409



**Tritanomaly**  
DF0D09

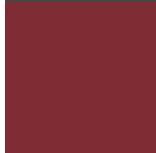
# Monochromacy



**Original Color**  
E00018



**Achromatopsia**  
464646



**Achromatomaly**  
7E2D35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E00018 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 #E00018 looks like.

```
.text, #text, p{  
    color:#E00018  
}
```

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 #E00018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00018
}
```

## Border

The CSS property to change the border of an element to Hex E00018 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
#E00018 }
```

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

```
.border{ border-color:#E00018 }
```

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

Here you see how a box with a 4 pixel #E00018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00018; -webkit-box-shadow:4px 4px  
4px 4px #E00018; box-shadow:4px 4px 4px  
4px #E00018 }
```

# Background

The CSS property to change the background color of an element to Hex E00018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00018 }
```

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

```
.background{ background-color:#E00018 }
```

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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