

# Converting Colors

Hex(E00517)

Have a look what the booklet for  
Hex(E00517) contains.

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**Color**

**Hex(E00517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E00517
RGB	224, 5, 23
RGB Percent	88%, 2%, 9%
CMY	0.1216, 0.9804, 0.9098
CMYK	0.00, 0.98, 0.90, 0.12
HSL	355°, 96%, 45%
HSV	355°, 98%, 88%
XYZ	30.9494, 16.0177, 2.2711
YIQ	72.5330, 124.7460, 52.0260

# Conversions

## Conversions Part 2

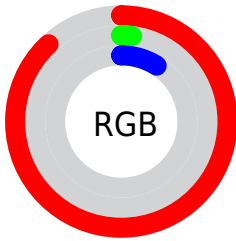
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 5, 23
Decimal	14681367
CIELab	47.00, 72.44, 53.56
CIElCh	47, 90.095, 36.478
Yxy	16.0177, 0.6286, 0.3253
Android (android.graphics.Color)	4292871447 (0xFFE00517)
YUV	72.5330, -24.4198, 132.8366
Hunter-Lab	40.0221, 67.9967, 24.6510

# Details

The Hex color **E00517** 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 **05E0CE**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5B47**, and **9E0000** is the 20% darker color. If you saturate the color by 10%, you get **E00012**, and if you desaturate by 10%, it is **E01B2C**.

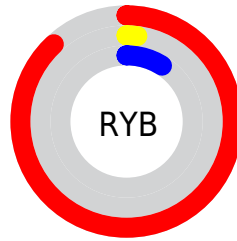
# Distribution



Red (88%)

Green (2%)

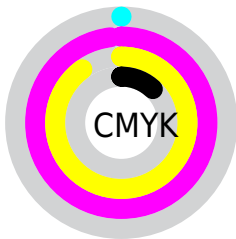
Blue (9%)



Red (88%)

Yellow (2%)

Blue (9%)

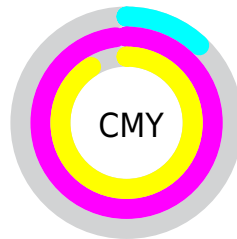


Cyan (0%)

Magenta (98%)

Yellow (90%)

Black (12%)



Cyan (12%)

Magenta (98%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E00517 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 E00517 by changing the saturation by 10% instead.



 E00517

 E00517

FFFFFF

 BF0000

 FF5B47

 9E0000

 FF795F

 7E0000

 FF9779

 5E0002

 FFB593

 410003

 FFD2AE

 1E0001

 FFF0CA

 000000

 FFFFE6

 E00517

 E00517

 E00012

 E01B2C

 E03240

 E04855

 E05F69

 E0757E

 E08B92

 E0A2A7

 E0B8BB

 E0CFD0

# Harmonies

## Analogous

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



ED0063



E00517



B65300

# Triad

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



E00517



008A2C



0076FF

# Complementary

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



E00517



05E0CE

# 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.



0087FD



E00517



008D7F

# Square

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



E00517



128200



008DC9



7B50EC

# Rectangle

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



E00517



906A00



008DC9



007DFF



# Sweetspot

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



E00517



FFB5BB



CE05E0



805357



000000



808080



# Same Dimension

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



E00517



FF0015



E06005



706566



B0000E



300004



# Inverse Universe

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



E00517



FF0015



0585E0



706566



B0000E



300004



# Previews

## White Background



This preview shows how the Hex color E00517 looks on a white background.

## Color Contrast Check

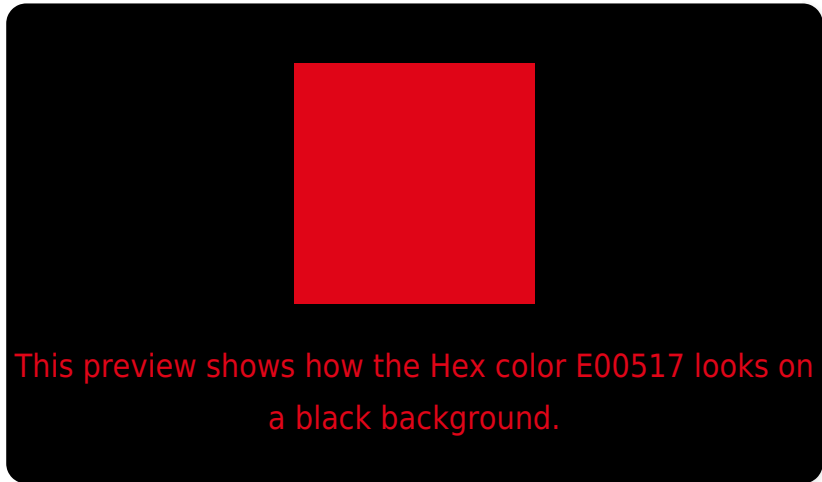
Large Text (above 18pt) WCAG AA ✓ Pass

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 E00517 Background



This preview shows how black text looks on a background with the Hex color E00517.



This preview shows how white text looks on a background with the Hex color E00517.

# 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**  
E00517

**Protanopia**  
7E712B

**Deuteranopia**  
8F6B00



**Tritanopia**  
DF1400

# Trichromacy



**Original Color**  
E00517



**Protanomaly**  
A24A24



**Deuteranomaly**  
AC4608



**Tritanomaly**  
DF0F08

# Monochromacy



**Original Color**  
E00517



**Achromatopsia**  
494949



**Achromatomaly**  
803037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E00517 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 #E00517 looks like.

```
.text, #text, p{  
    color:#E00517  
}
```

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 #E00517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E00517
}
```

## Border

The CSS property to change the border of an element to Hex E00517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

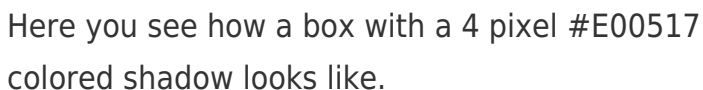
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E00517 }
```

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

```
.border{ border-color:#E00517 }
```

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



Here you see how a box with a 4 pixel #E00517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E00517; -webkit-box-shadow:4px 4px  
4px 4px #E00517; box-shadow:4px 4px 4px  
4px #E00517 }
```

# Background

The CSS property to change the background color of an element to Hex E00517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E00517 }
```

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

```
.background{ background-color:#E00517 }
```

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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