

# Converting Colors

Hex(E0511C)

Have a look what the booklet for  
Hex(E0511C) contains.

<b>Hex(E0511C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(E0511C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0511C
RGB	224, 81, 28
RGB Percent	88%, 32%, 11%
CMY	0.1216, 0.6824, 0.8902
CMYK	0.00, 0.64, 0.87, 0.12
HSL	16°, 78%, 49%
HSV	16°, 87%, 88%
XYZ	33.8925, 21.8160, 3.5232
YIQ	117.7150, 102.2410, 13.8330

# Conversions

## Conversions Part 2

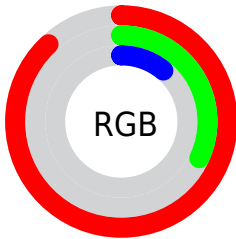
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 101, 28
Decimal	14700828
CIE Lab	53.83, 53.56, 56.67
CIE LCh	54, 77.977, 46.612
Yxy	21.8160, 0.5722, 0.3683
Android (android.graphics.Color)	4292890908 (0xFFE0511C)
YUV	117.7150, -44.2295, 93.2119
Hunter-Lab	46.7076, 47.7869, 28.2230

# Details

The Hex color **E0511C** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **1CABE0**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF884F**, and **A01300** is the 20% darker color. If you saturate the color by 10%, you get **E04106**, and if you desaturate by 10%, it is **E06132**.

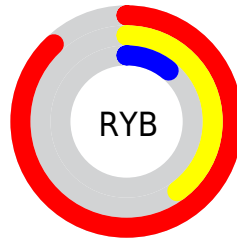
# Distribution



Red (88%)

Green (32%)

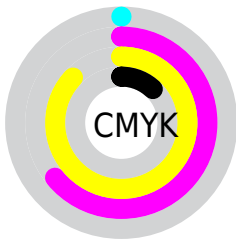
Blue (11%)



Red (88%)

Yellow (40%)

Blue (11%)

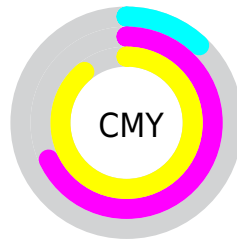


Cyan (0%)

Magenta (64%)

Yellow (87%)

Black (12%)



Cyan (12%)

Magenta (68%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0511C 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 E0511C by changing the saturation by 10% instead.



 E0511C

 E0511C

FFFFFF

 C03500

 FF884F

 A01300

 FFA468

 810000

 FFC082

 620000

 FFDD9D

 450001

 FFFAB9

 280001

 FFFFD5

 000000

 FFFFF2

 E0511C

 E0511C

 E04106

 E06132

 E03D00

 E07249

 E0825F

 E09276

 E0A38C

 E0B3A2

 E0C3B9

 E0D4CF

 E0E4E6

# Harmonies

## Analogous

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



F42B5F



E0511C



B47300

# Triad

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



E0511C



009C5F



007CFF

# Complementary

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



E0511C



1CABE0

# 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.



0091FF



E0511C



009EA5

# Square

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



E0511C



0C960F



009BE2



B05ADE

# Rectangle

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



E0511C



8F8300



009BE2



0085FF



# Sweetspot

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



E0511C



FFCFBD



E01CAC



806358



000000



808080



# Same Dimension

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



E0511C



FF4500



E0B21C



706865



B03000



300D00



# Inverse Universe

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



1CABE0



00BAFF



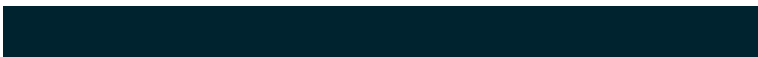
1C4AE0



656D70



0080B0



002330



# Previews

## White Background



This preview shows how the Hex color E0511C looks on a white background.

## Color Contrast Check

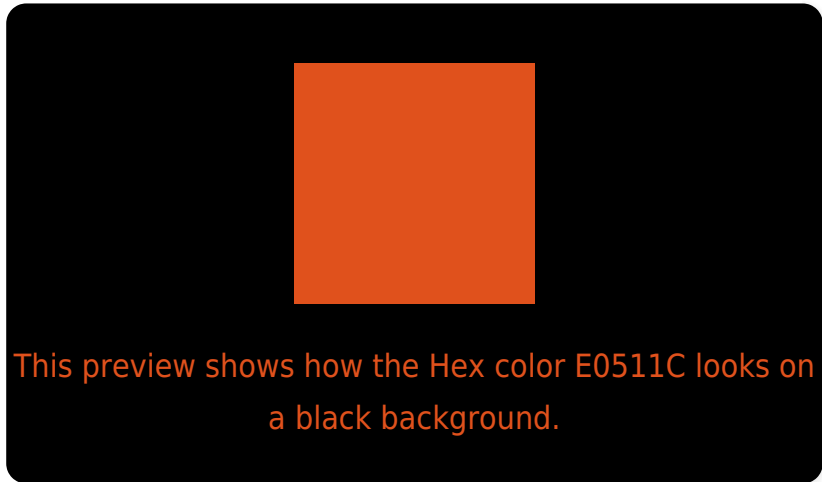
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 E0511C Background



This preview shows how black text looks on a background with the Hex color E0511C.

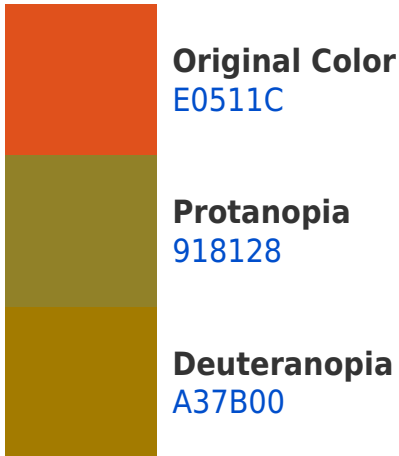


This preview shows how white text looks on a background with the Hex color E0511C.

# Color Blindness Simulation

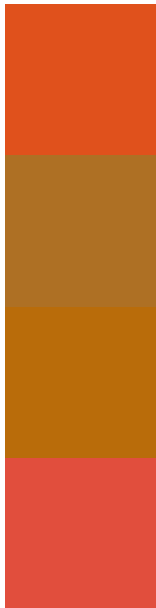
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
E0511C

**Protanomaly**  
AE7024

**Deuteranomaly**  
B96C0A

**Tritanomaly**  
E14E3D

# Monochromacy



**Original Color**  
E0511C

**Achromatopsia**  
767676

**Achromatomaly**  
9D6955

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0511C 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 #E0511C looks like.

```
.text, #text, p{  
    color:#E0511C  
}
```

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 #E0511C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0511C
}
```

## Border

The CSS property to change the border of an element to Hex E0511C 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
#E0511C }
```

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

```
.border{ border-color:#E0511C }
```

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

Here you see how a box with a 4 pixel #E0511C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0511C; -webkit-box-shadow:4px 4px  
4px 4px #E0511C; box-shadow:4px 4px 4px  
4px #E0511C }
```

# Background

The CSS property to change the background color of an element to Hex E0511C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0511C }
```

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

```
.background{ background-color:#E0511C }
```

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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