

# Converting Colors

Hex(E23700)

Have a look what the booklet for  
Hex(E23700) contains.

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**Color**

**Hex(E23700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E23700
RGB	226, 55, 0
RGB Percent	89%, 22%, 0%
CMY	0.1137, 0.7843, 1.0000
CMYK	0.00, 0.76, 1.00, 0.11
HSL	15°, 100%, 44%
HSV	15°, 100%, 89%
XYZ	32.7302, 18.9011, 1.9232
YIQ	99.8590, 119.5710, 19.1470

# Conversions

## Conversions Part 2

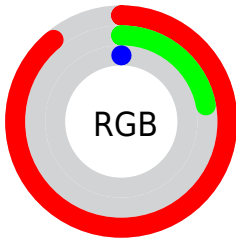
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 73, 0
Decimal	14825216
CIE <sub>Lab</sub>	50.57, 63.52, 62.69
CIE <sub>LCh</sub>	51, 89.245, 44.626
Yxy	18.9011, 0.6112, 0.3529
Android (android.graphics.Color)	4293015296 (0xFFE23700)
YUV	99.8590, -49.2305, 110.6257
Hunter-Lab	43.4754, 58.3007, 27.8100

# Details

The Hex color **E23700** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **00ABE2**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF733B**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E23700**, and if you desaturate by 10%, it is **E24817**.

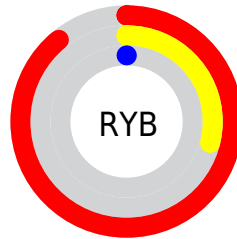
# Distribution



Red (89%)

Green (22%)

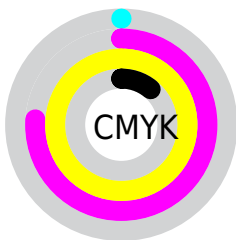
Blue (0%)



Red (89%)

Yellow (29%)

Blue (0%)

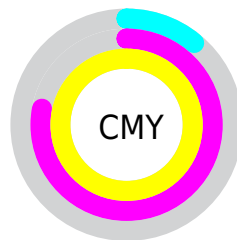


Cyan (0%)

Magenta (76%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (78%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E23700 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 E23700 by changing the saturation by 10% instead.



 E23700

 E23700

 FFFFFFF9

 C10D00

 FF733B

 A10000

 FF8F55

 810000

 FFAC6F

 610000

 FFC989

 450003

 FFE6A4

 250001

 FFFFC0

 000000

 FFFFDC

 E23700

 E24817

 E2592D

 E26A44

 E27B5A

 E28D71

 E29E88

 E2AF9E

 E2C0B5

 E2D1CB

# Harmonies

## Analogous

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



F80057



E23700



B26600

# Triad

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



E23700



00954D



0076FF

# Complementary

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



E23700



00ABE2

# 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.



008DFF



E23700



00979D

# Square

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



E23700



008E00



0096E3



A54CE6

# Rectangle

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



E23700



897A00



0096E3



0080FF



# Sweetspot

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



E23700



FFC5B3



E200AD



805D52



000000



808080



# Same Dimension

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



E23700



FF3E00



E2A600



706865



B02B00



300C00



# Inverse Universe

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



00ABE2



00C1FF



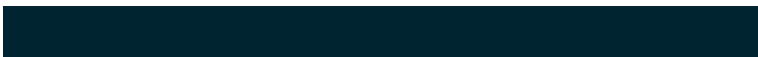
003CE2



656D70



0085B0



002530



# Previews

## White Background



This preview shows how the Hex color E23700 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 E23700 Background



This preview shows how black text looks on a background with the Hex color E23700.



This preview shows how white text looks on a background with the Hex color E23700.

# 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](#).

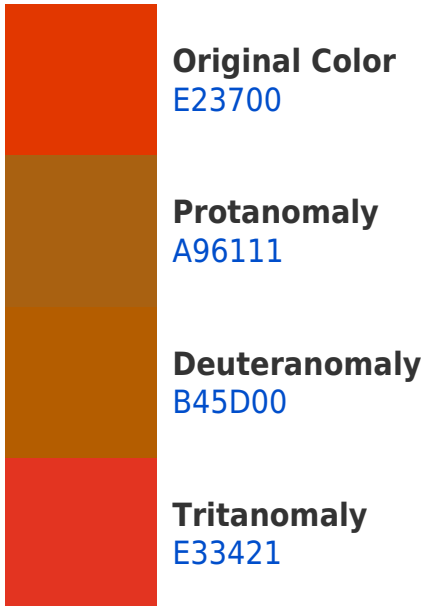
## Dichromacy





**Tritanopia**  
E33334

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E23700 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 #E23700 looks like.

```
.text, #text, p{  
    color:#E23700  
}
```

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 #E23700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E23700
}
```

## Border

The CSS property to change the border of an element to Hex E23700 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
#E23700 }
```

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

```
.border{ border-color:#E23700 }
```

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

Here you see how a box with a 4 pixel #E23700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E23700; -webkit-box-shadow:4px 4px  
4px 4px #E23700; box-shadow:4px 4px 4px  
4px #E23700 }
```

# Background

The CSS property to change the background color of an element to Hex E23700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E23700 }
```

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

```
.background{ background-color:#E23700 }
```

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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