

# Converting Colors

Hex(E23411)

Have a look what the booklet for  
Hex(E23411) contains.

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**Color**

**Hex(E23411)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E23411
RGB	226, 52, 17
RGB Percent	89%, 20%, 7%
CMY	0.1137, 0.7961, 0.9333
CMYK	0.00, 0.77, 0.92, 0.11
HSL	10°, 86%, 48%
HSV	10°, 92%, 89%
XYZ	32.6932, 18.6652, 2.4099
YIQ	100.0360, 114.9390, 26.0030

# Conversions

## Conversions Part 2

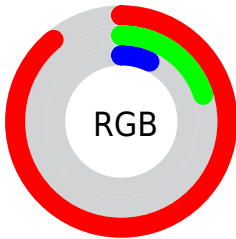
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 59, 17
Decimal	14824465
CIE Lab	50.29, 64.58, 58.14
CIE LCh	50, 86.901, 41.997
Yxy	18.6652, 0.6080, 0.3471
Android (android.graphics.Color)	4293014545 (0xFFE23411)
YUV	100.0360, -40.9367, 110.4704
Hunter-Lab	43.2032, 59.4707, 26.9350

# Details

The Hex color **E23411** 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 **11BFE2**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF7044**, and **A10000** is the 20% darker color. If you saturate the color by 10%, you get **E22600**, and if you desaturate by 10%, it is **E24728**.

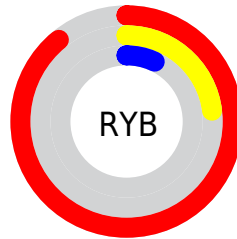
# Distribution



Red (89%)

Green (20%)

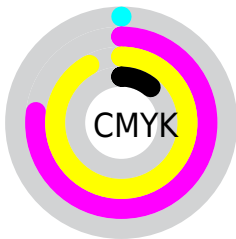
Blue (7%)



Red (89%)

Yellow (23%)

Blue (7%)

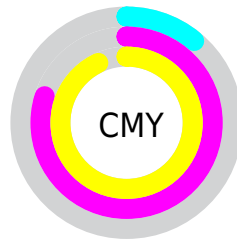


Cyan (0%)

Magenta (77%)

Yellow (92%)

Black (11%)



Cyan (11%)

Magenta (80%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E23411 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 E23411 by changing the saturation by 10% instead.



 E23411

 E23411

FFFFFF

 C10400

 FF7044

 A10000

 FF8D5D

 810000

 FFAA77

 620000

 FFC792

 450003

 FFE5AD

 240001

 FFFFC9

 000000

 FFFFEE

 E23411

 E23411

 E22600

 E24728

 E25A3E

 E26C55

 E27F6B

 E29282

 E2A599

 E2B8AF

 E2CBC6

 E2DDDC

# Harmonies

## Analogous

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



F4005E



E23411



B56300

# Triad

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



E23411



009346



0078FF

# Complementary

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



E23411



11BFE2

# 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



E23411



009695

# Square

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



E23411



008C00



0095DA



9B51E7

# Rectangle

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



E23411



8E7700



0095DA



0081FF



# Sweetspot

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



E23411



FFC4B8



E211BF



805B54



000000



808080



# Same Dimension

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



E23411



FF2B00



E29C11



706765



B01D00



300800



# Inverse Universe

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



11BFE2



00D4FF



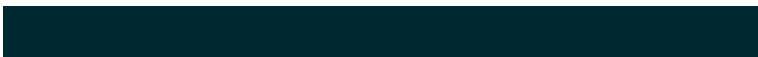
1157E2



656E70



0092B0



002830



# Previews

## White Background



This preview shows how the Hex color E23411 looks on a white background.

## Color Contrast Check

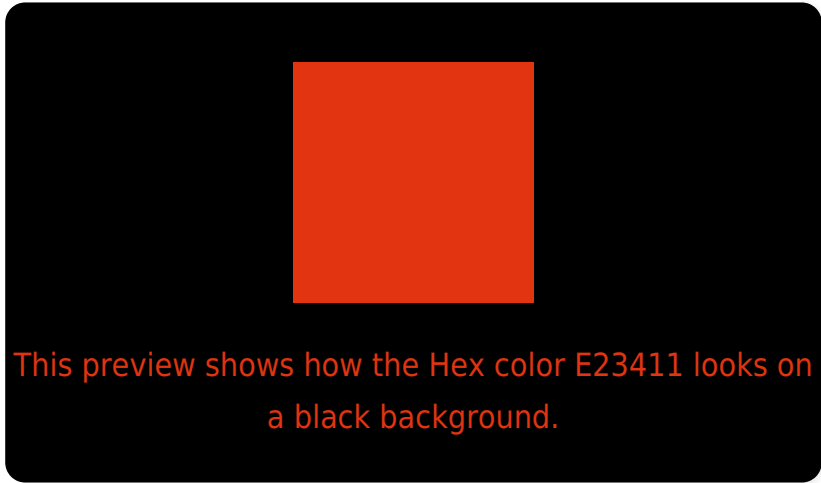
Large Text (above 18pt) WCAG AA ✓ Pass

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 E23411 Background



This preview shows how black text looks on a background with the Hex color E23411.



This preview shows how white text looks on a background with the Hex color E23411.

# 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**  
E23411

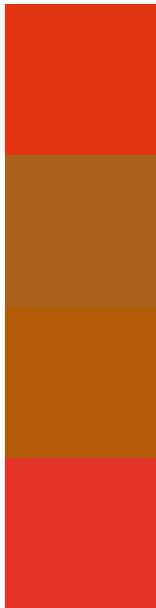
**Protanopia**  
877922

**Deuteranopia**  
987200



**Tritanopia**  
E33132

# Trichromacy



**Original Color**  
E23411

**Protanomaly**  
A8601C

**Deuteranomaly**  
B35B06

**Tritanomaly**  
E33226

# Monochromacy



**Original Color**  
E23411

**Achromatopsia**  
646464

**Achromatomaly**  
925346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E23411 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 #E23411 looks like.

```
.text, #text, p{  
    color:#E23411  
}
```

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 #E23411 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E23411
}
```

## Border

The CSS property to change the border of an element to Hex E23411 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
#E23411 }
```

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

```
.border{ border-color:#E23411 }
```

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

Here you see how a box with a 4 pixel #E23411 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E23411; -webkit-box-shadow:4px 4px  
4px 4px #E23411; box-shadow:4px 4px 4px  
4px #E23411 }
```

# Background

The CSS property to change the background color of an element to Hex E23411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E23411 }
```

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

```
.background{ background-color:#E23411 }
```

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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