

# Converting Colors

Hex(E4623C)

Have a look what the booklet for  
Hex(E4623C) contains.

<b>Hex(E4623C)</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(E4623C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E4623C
RGB	228, 98, 60
RGB Percent	89%, 38%, 24%
CMY	0.1059, 0.6157, 0.7647
CMYK	0.00, 0.57, 0.74, 0.11
HSL	14°, 76%, 56%
HSV	14°, 74%, 89%
XYZ	37.1782, 25.5556, 7.2482
YIQ	132.5380, 89.6780, 15.7420

# Conversions

## Conversions Part 2

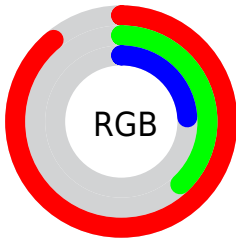
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 109, 60
Decimal	14967356
CIE <sub>Lab</sub>	57.61, 48.37, 45.86
CIE <sub>LCh</sub>	58, 66.657, 43.475
Yxy	25.5556, 0.5313, 0.3652
Android (android.graphics.Color)	4293157436 (0xFFE4623C)
YUV	132.5380, -35.7612, 83.7202
Hunter-Lab	50.5525, 42.8086, 26.8858

# Details

The Hex color **E4623C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **3CBEE4**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF986D**, and **A62C0C** is the 20% darker color. If you saturate the color by 10%, you get **E45025**, and if you desaturate by 10%, it is **E47453**.

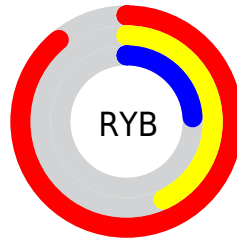
# Distribution



Red (89%)

Green (38%)

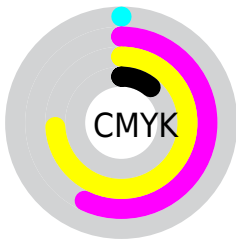
Blue (24%)



Red (89%)

Yellow (43%)

Blue (24%)

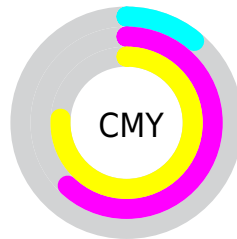


Cyan (0%)

Magenta (57%)

Yellow (74%)

Black (11%)



Cyan (11%)

Magenta (62%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4623C 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 E4623C by changing the saturation by 10% instead.



 E4623C

 E4623C

FFFFFF

 C54724

 FF986D

 A62C0C

 FFB487

 870800

 FFD0A2

 690000

 FFEDBD

 4B0000

 FFFFD9

 310002

 FFFFF6

 000000

 E4623C

 E4623C

 E45025

 E47453

 E43F0E

 E4856A

 E43400

 E49780

 E4A997

 E4BAAE

 E4CCC5

 E4DEDC

 E4EFF2

 E4FFFF

# Harmonies

## Analogous

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



F24E73



E4623C



C07C00

# Triad

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



E4623C



00A367



3688FC

# Complementary

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



E4623C



3CBEE4

# 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.



009AFA



E4623C



00A5A4

# Square

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



E4623C



499C2D



00A3DA



AE6EE0

# Rectangle

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



E4623C



A08A00



00A3DA



008FFF



# Sweetspot

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



E4623C



FFD4C7



E43CC0



80665E



000000



808080



# Same Dimension

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



E4623C



FF511F



E4B43C



736A67



B32800



330C00



# Inverse Universe

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



3CBEE4



1FCCFF



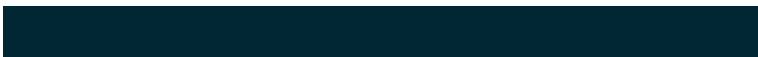
3C6CE4



677073



008AB3

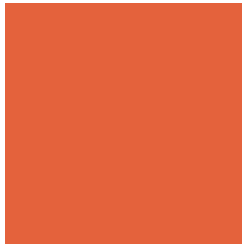


002733



# Previews

## White Background



This preview shows how the Hex color E4623C looks on a white background.

## Color Contrast Check

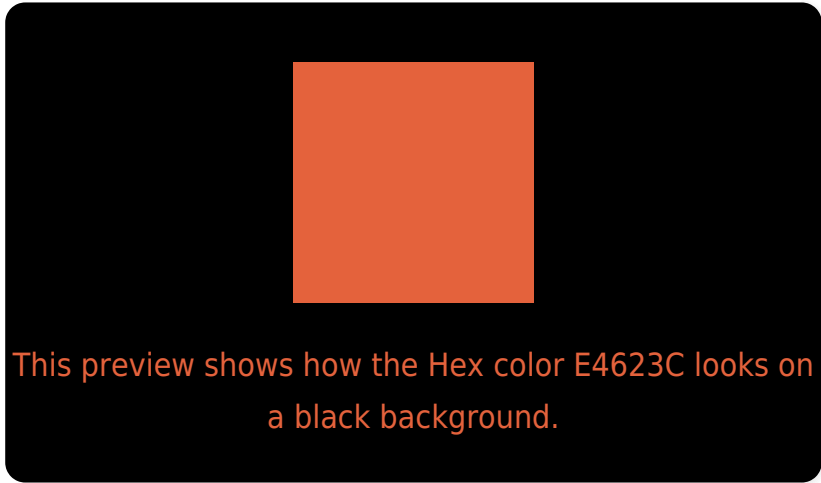
Large Text (above 18pt) WCAG AA ✓ Pass

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 E4623C Background



This preview shows how black text looks on a background with the Hex color E4623C.



This preview shows how white text looks on a background with the Hex color E4623C.

# 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](#).

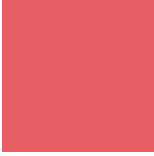
## Dichromacy



**Original Color**  
E4623C

**Protanopia**  
998B49

**Deuteranopia**  
AD8434



**Tritanopia**  
E65D63

# Trichromacy



**Original Color**  
E4623C

**Protanomaly**  
B47C44

**Deuteranomaly**  
C17837

**Tritanomaly**  
E55F55

# Monochromacy



**Original Color**  
E4623C

**Achromatopsia**  
858585

**Achromatomaly**  
A8786A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4623C 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 #E4623C looks like.

```
.text, #text, p{  
    color:#E4623C  
}
```

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 #E4623C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4623C
}
```

## Border

The CSS property to change the border of an element to Hex E4623C 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
#E4623C }
```

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

```
.border{ border-color:#E4623C }
```

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

Here you see how a box with a 4 pixel #E4623C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4623C; -webkit-box-shadow:4px 4px  
4px 4px #E4623C; box-shadow:4px 4px 4px  
4px #E4623C }
```

# Background

The CSS property to change the background color of an element to Hex E4623C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4623C }
```

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

```
.background{ background-color:#E4623C }
```

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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