

Converting Colors

Hex(E16D3F)

Have a look what the booklet for
Hex(E16D3F) contains.

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Color

Hex(E16D3F)

Conversions

Conversions Part 1

Format	Color
Hex	E16D3F
RGB	225, 109, 63
RGB Percent	88%, 43%, 25%
CMY	0.1176, 0.5725, 0.7529
CMYK	0.00, 0.52, 0.72, 0.12
HSL	17°, 73%, 56%
HSV	17°, 72%, 88%
XYZ	37.4172, 27.3037, 8.0007
YIQ	138.4400, 83.9020, 10.2860

Conversions

Conversions Part 2

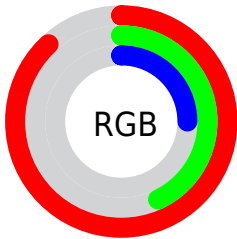
Format	Color
RYB	225, 127, 63
Decimal	14773567
CIELab	59.25, 42.08, 45.98
CIELCh	59, 62.327, 47.538
Yxy	27.3037, 0.5145, 0.3755
Android (android.graphics.Color)	4292963647 (0xFFE16D3F)
YUV	138.4400, -37.1919, 75.9131
Hunter-Lab	52.2530, 36.3772, 27.4989

Details

The Hex color **E16D3F** 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 **3FB3E1**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFA371**, and **A3390E** is the 20% darker color. If you saturate the color by 10%, you get **E15D29**, and if you desaturate by 10%, it is **E17D56**.

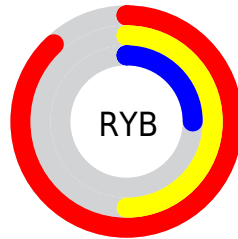
Distribution



Red (88%)

Green (43%)

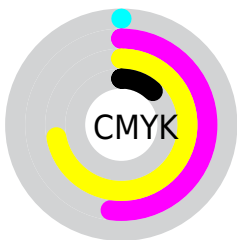
Blue (25%)



Red (88%)

Yellow (50%)

Blue (25%)

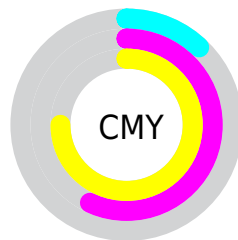


Cyan (0%)

Magenta (52%)

Yellow (72%)

Black (12%)



Cyan (12%)

Magenta (57%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color E16D3F 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 E16D3F by changing the saturation by 10% instead.

 E16D3F

 E16D3F

FFFFFF

 C25327

 FFA371

 A3390E

 FFBE8B

 851E00

 FFDBA5

 670000

 FFF8C1

 4A0000


 FFFFDD

 310002

 FFFFFA

 000000

 E16D3F

 E16D3F

 E15D29

 E17D56

 E14D12

 E18D6C

 E14000

 E19D83

 E1AD99

 E1BEB0

 E1CEC6

 E1DEDC

 E1EEF3

 E1FEFF

Harmonies

Analogous

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



F15A71



E16D3F



BD8415

Triad

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



E16D3F



00A775



608AF8

Complementary

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



E16D3F



3FB3E1

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.



009BFA



E16D3F



00A8AE

Square

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



E16D3F



49A13F



00A5DF



B971D9

Rectangle

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



E16D3F



9D9109



00A5DF



1990FC

Sweetspot

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



E16D3F



FFD7C7



E13FB3



80685E



000000



808080

Same Dimension

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



E16D3F



FF6224



E1BE3F



706865



B03200



300E00

Inverse Universe

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



3FB3E1



24C1FF



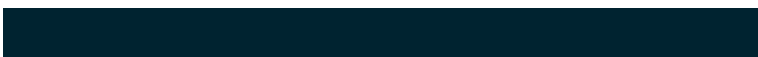
3F62E1



656D70



007EB0



002330

Previews

White Background



This preview shows how the Hex color E16D3F 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 E16D3F Background



This preview shows how black text looks on a background with the Hex color E16D3F.



This preview shows how white text looks on a background with the Hex color E16D3F.

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
E16D3F

Protanopia
9E8F4A

Deuteranopia
B28838



Tritanopia
E3676E

Trichromacy



Original Color
E16D3F

Protanomaly
B68346

Deuteranomaly
C37E3B

Tritanomaly
E2695D

Monochromacy



Original Color
E16D3F

Achromatopsia
8A8A8A

Achromatomaly
AA7F6F

CSS Examples

Text

The CSS property to change the color of the text to Hex E16D3F 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 #E16D3F looks like.

```
.text, #text, p{  
    color:#E16D3F  
}
```

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 #E16D3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E16D3F
}
```

Border

The CSS property to change the border of an element to Hex E16D3F 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
#E16D3F }
```

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

```
.border{ border-color:#E16D3F }
```

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

Here you see how a box with a 4 pixel #E16D3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E16D3F; -webkit-box-shadow:4px 4px  
4px 4px #E16D3F; box-shadow:4px 4px 4px  
4px #E16D3F }
```

Background

The CSS property to change the background color of an element to Hex E16D3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E16D3F }
```

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

```
.background{ background-color:#E16D3F }
```

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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