

# Converting Colors

Hex(E46D2F)

Have a look what the booklet for  
Hex(E46D2F) contains.

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**Color**

**Hex(E46D2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E46D2F
RGB	228, 109, 47
RGB Percent	89%, 43%, 18%
CMY	0.1059, 0.5725, 0.8157
CMYK	0.00, 0.52, 0.79, 0.11
HSL	21°, 77%, 54%
HSV	21°, 79%, 89%
XYZ	37.9766, 27.6365, 6.0221
YIQ	137.5130, 90.8260, 5.9460

# Conversions

## Conversions Part 2

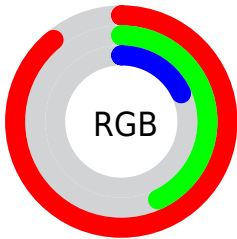
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 141, 47
Decimal	14970159
CIE <sub>Lab</sub>	59.56, 42.58, 54.07
CIE <sub>LCh</sub>	60, 68.827, 51.780
Yxy	27.6365, 0.5301, 0.3858
Android (android.graphics.Color)	4293160239 (0xFFE46D2F)
YUV	137.5130, -44.6229, 79.3571
Hunter-Lab	52.5704, 36.9494, 30.0074

# Details

The Hex color **E46D2F** 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 **2FA6E4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FFA361**, and **A63900** is the 20% darker color. If you saturate the color by 10%, you get **E45E18**, and if you desaturate by 10%, it is **E47C46**.

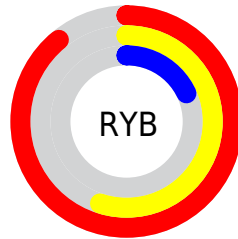
# Distribution



Red (89%)

Green (43%)

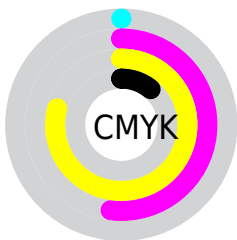
Blue (18%)



Red (89%)

Yellow (55%)

Blue (18%)

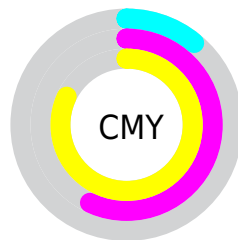


Cyan (0%)

Magenta (52%)

Yellow (79%)

Black (11%)



Cyan (11%)

Magenta (57%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E46D2F 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 E46D2F by changing the saturation by 10% instead.



 E46D2F

 E46D2F

FFFFFF

 C55314

 FFA361

 A63900

 FFBE7B

 871E00

 FFDB96

 690000

 FFF8B1

 4C0000

 FFFFCD

 320002

 FFFFEA

 000000

 E46D2F

 E46D2F

 E45E18

 E47C46

 E44F01

 E48B5D

 E44E00

 E49A73

 E4A98A

 E4B8A1

 E4C7B8

 E4D6CF

 E4E5E5

 E4F4FC

# Harmonies

## Analogous

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



FA5466



E46D2F



BA8700

# Triad

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



E46D2F



00AA7C



6B87FF

# Complementary

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



E46D2F



2FA6E4

# 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.



009CFF



E46D2F



00ABBB

# Square

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



E46D2F



2AA53F



00A7EE



C76ADB

# Rectangle

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



E46D2F



969400



00A7EE



248FFF



# Sweetspot

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



E46D2F



FFD7C2



E42FA8



80675B



000000



808080



# Same Dimension

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



E46D2F



FF600D



E4C62F



736B67



B33D00



331100

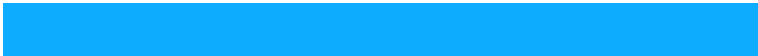


# Inverse Universe

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



2FA6E4



0DACFF



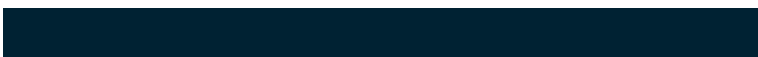
2F4DE4



676F73



0075B3



002233



# Previews

## White Background



This preview shows how the Hex color E46D2F looks on a white background.

## Color Contrast Check

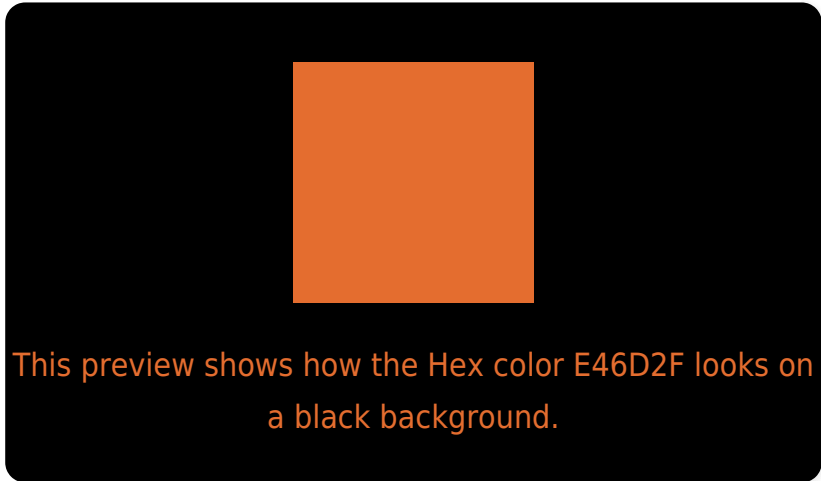
Large Text (above 18pt) WCAG AA ✓ Pass

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 E46D2F Background



This preview shows how black text looks on a background with the Hex color E46D2F.



This preview shows how white text looks on a background with the Hex color E46D2F.

# 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**  
E46D2F

**Protanopia**  
A09039

**Deuteranopia**  
B58926



**Tritanopia**  
E7666D

# Trichromacy



**Original Color**  
E46D2F

**Protanomaly**  
B98335

**Deuteranomaly**  
C67F29

**Tritanomaly**  
E66956

# Monochromacy



**Original Color**  
E46D2F

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
AB7F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E46D2F 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 #E46D2F looks like.

```
.text, #text, p{  
    color:#E46D2F  
}
```

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 #E46D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E46D2F
}
```

## Border

The CSS property to change the border of an element to Hex E46D2F 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
#E46D2F }
```

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

```
.border{ border-color:#E46D2F }
```

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

Here you see how a box with a 4 pixel #E46D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E46D2F; -webkit-box-shadow:4px 4px  
4px 4px #E46D2F; box-shadow:4px 4px 4px  
4px #E46D2F }
```

# Background

The CSS property to change the background color of an element to Hex E46D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E46D2F }
```

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

```
.background{ background-color:#E46D2F }
```

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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