

# Converting Colors

Hex(E96E36)

Have a look what the booklet for  
Hex(E96E36) contains.

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# Color

**Hex(E96E36)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | E96E36                    |
| RGB           | 233, 110, 54              |
| RGB Percent   | 91%, 43%, 21%             |
| CMY           | 0.0863, 0.5686, 0.7882    |
| CMYK          | 0.00, 0.53, 0.77, 0.09    |
| HSL           | 19°, 80%, 56%             |
| HSV           | 19°, 77%, 91%             |
| XYZ           | 39.8461, 28.7418, 6.9376  |
| YIQ           | 140.3930, 91.2840, 8.6600 |

# Conversions

## Conversions Part 2

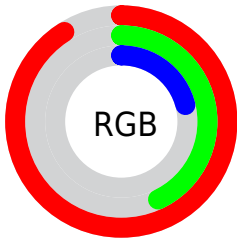
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 233, 135, 54                   |
| Decimal                             | 15298102                       |
| CIE Lab                             | 60.55, 44.24, 52.11            |
| CIE LCh                             | 61, 68.356, 49.666             |
| Yxy                                 | 28.7418, 0.5276,<br>0.3806     |
| Android<br>(android.graphics.Color) | 4293488182<br>(0xFFE96E36)     |
| YUV                                 | 140.3930, -42.5917,<br>81.2163 |
| Hunter-Lab                          | 53.6114, 38.8481,<br>29.8555   |

# Details

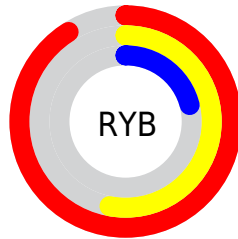
The Hex color **E96E36** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **36B1E9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FFA468**, and **AA3A00** is the 20% darker color. If you saturate the color by 10%, you get **E95E1F**, and if you desaturate by 10%, it is **E97E4D**.

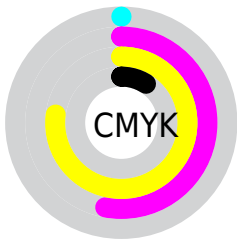
# Distribution



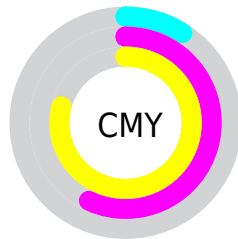
- Red (91%)
- Green (43%)
- Blue (21%)



- Red (91%)
- Yellow (53%)
- Blue (21%)



- Cyan (0%)
- Magenta (53%)
- Yellow (77%)
- Black (9%)



- Cyan (9%)
- Magenta (57%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E96E36 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 E96E36 by changing the saturation by 10% instead.



 E96E36

 E96E36

FFFFFF

 CA541D

 FFA468

 AA3A00

 FFC082

 8C1E00

 FFDC9D

 6D0000

 FFF9B8

 500000

 FFFFD4

 360002

 FFFFF1

 090000

 000000

 E96E36

 E96E36

 E95E1F

 E97E4D

 E94E07

 E98E65

 E94900

 E99E7C

 E9AE93

 E9BEAB

 E9CEC2

 E9DED9

 E9EEF0

 E9FEFF

# Harmonies

## Analogous

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



FD576D



E96E36



C08800

# Triad

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



E96E36



00AD7A



648BFF

# Complementary

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



E96E36



36B1E9

# 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.



009FFF



E96E36



00AEB9

# Square

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



E96E36



39A73E



00AAED



C56FE1

# Rectangle

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



E96E36



9D9500



00AAED



0493FF



# Sweetspot

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



E96E36



FFD7C4



E936B3



80675C



000000



808080



# Same Dimension

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



E96E36



FF5E14



E9C536



756D6A



B53900



361100



# Inverse Universe

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



36B1E9



14B6FF



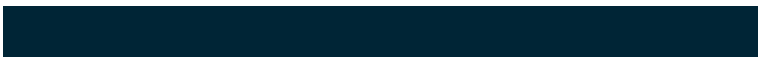
365AE9



6A7275



007CB5



002536



# Previews

## White Background



This preview shows how the Hex color E96E36 looks on a white background.

## Color Contrast Check

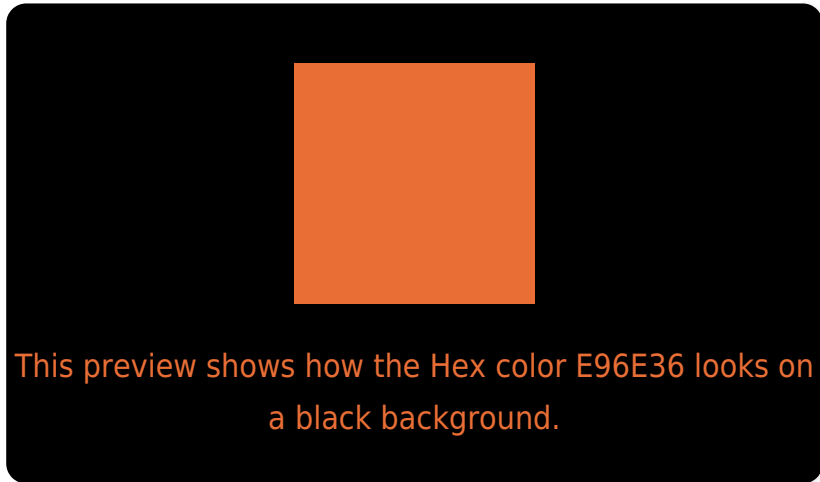
Large Text (above 18pt) WCAG AA ✓ Pass

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 E96E36 Background



This preview shows how black text looks on a background with the Hex color E96E36.



This preview shows how white text looks on a background with the Hex color E96E36.

# 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



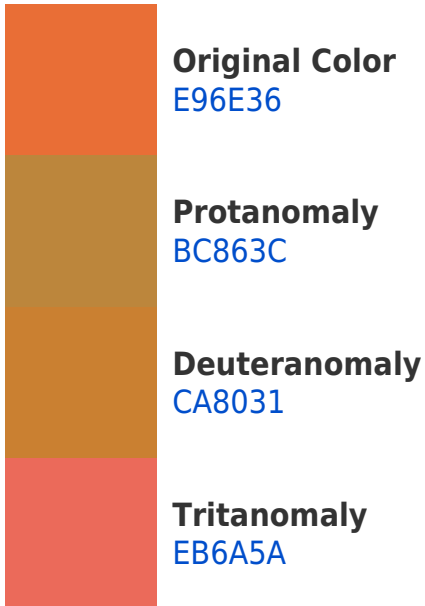
**Original Color**  
E96E36

**Protanopia**  
A39340

**Deuteranopia**  
B88B2E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E96E36 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 #E96E36 looks like.

```
.text, #text, p{  
    color:#E96E36  
}
```

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 #E96E36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E96E36
}
```

## Border

The CSS property to change the border of an element to Hex E96E36 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
#E96E36 }
```

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

```
.border{ border-color:#E96E36 }
```

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

Here you see how a box with a 4 pixel #E96E36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E96E36; -webkit-box-shadow:4px 4px  
4px 4px #E96E36; box-shadow:4px 4px 4px  
4px #E96E36 }
```

# Background

The CSS property to change the background color of an element to Hex E96E36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E96E36 }
```

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

```
.background{ background-color:#E96E36 }
```

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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