

# Converting Colors

Hex(E56239)

Have a look what the booklet for  
Hex(E56239) contains.

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**Color**

**Hex(E56239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E56239
RGB	229, 98, 57
RGB Percent	90%, 38%, 22%
CMY	0.1020, 0.6157, 0.7765
CMYK	0.00, 0.57, 0.75, 0.10
HSL	14°, 77%, 56%
HSV	14°, 75%, 90%
XYZ	37.4193, 25.6888, 6.8571
YIQ	132.4950, 91.2370, 15.0210

# Conversions

## Conversions Part 2

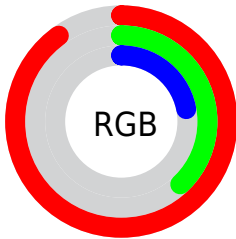
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 111, 57
Decimal	15032889
CIE <sub>Lab</sub>	57.74, 48.61, 47.57
CIE <sub>LCh</sub>	58, 68.011, 44.379
Yxy	25.6888, 0.5348, 0.3672
Android (android.graphics.Color)	4293222969 (0xFFE56239)
YUV	132.4950, -37.2190, 84.6349
Hunter-Lab	50.6841, 43.0866, 27.4575

# Details

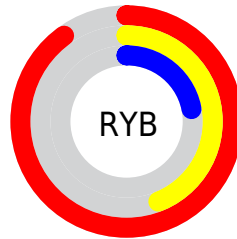
The Hex color **E56239** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **39BCE5**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF986A**, and **A62C07** is the 20% darker color. If you saturate the color by 10%, you get **E55122**, and if you desaturate by 10%, it is **E57350**.

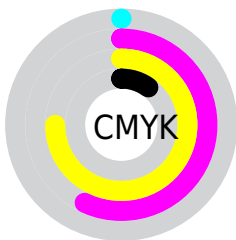
# Distribution



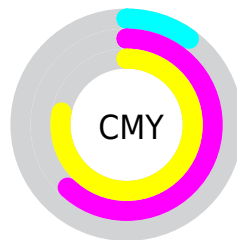
- Red (90%)
- Green (38%)
- Blue (22%)



- Red (90%)
- Yellow (44%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (75%)
- Black (10%)



- Cyan (10%)
- Magenta (62%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E56239 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 E56239 by changing the saturation by 10% instead.



 E56239

 E56239

FFFFFF

 C64721

 FF986A

 A62C07

 FFB484

 880800

 FFD09F

 690000

 FFEDBA

 4C0000

 FFFFD6

 310002

 FFFFF3

 000000

 E56239

 E56239

 E55122

 E57350

 E53F0B

 E58567

 E53700

 E5967E

 E5A895

 E5B9AC

 E5CBC2

 E5DCD9

 E5EEF0

 E5FFFF

# Harmonies

## Analogous

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



F44C71



E56239



C07D00

# Triad

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



E56239



00A468



3988FF

# Complementary

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



E56239



39BCE5

# 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.



009AFE



E56239



00A6A7

# Square

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



E56239



459D2C



00A3DD



B16DE1

# Rectangle

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



E56239



9E8B00



00A3DD



008FFF



# Sweetspot

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



E56239



FFD2C4



E539BD



80645C



000000



808080



# Same Dimension

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



E56239



FF5019



E5B739



736A67



B32B00



330C00



# Inverse Universe

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



39BCE5



19C8FF



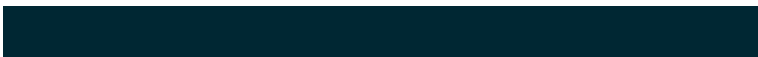
3967E5



677073



0088B3



002733



# Previews

## White Background



This preview shows how the Hex color E56239 looks on a white background.

## Color Contrast Check

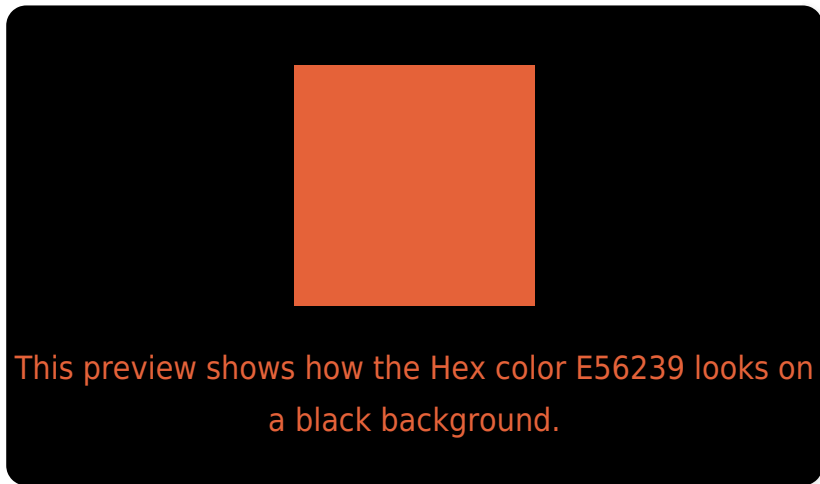
Large Text (above 18pt) WCAG AA ✓ Pass

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 E56239 Background



This preview shows how black text looks on a background with the Hex color E56239.

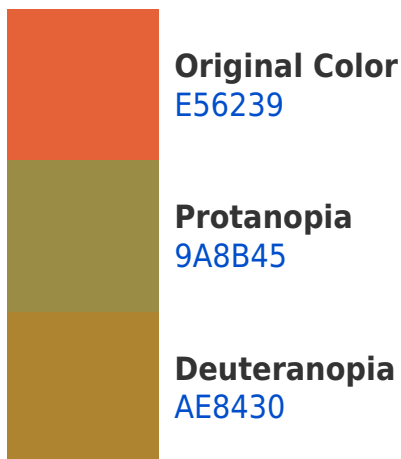



This preview shows how white text looks on a background with the Hex color E56239.

# 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





**Tritanopia**  
E75D63

# Trichromacy



**Original Color**  
E56239

**Protanomaly**  
B57C41

**Deuteranomaly**  
C27833

**Tritanomaly**  
E65F54

# Monochromacy



**Original Color**  
E56239

**Achromatopsia**  
848484

**Achromatomaly**  
A77869

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E56239 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 #E56239 looks like.

```
.text, #text, p{  
    color:#E56239  
}
```

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 #E56239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E56239
}
```

## Border

The CSS property to change the border of an element to Hex E56239 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
#E56239 }
```

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

```
.border{ border-color:#E56239 }
```

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

Here you see how a box with a 4 pixel #E56239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E56239; -webkit-box-shadow:4px 4px  
4px 4px #E56239; box-shadow:4px 4px 4px  
4px #E56239 }
```

# Background

The CSS property to change the background color of an element to Hex E56239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E56239 }
```

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

```
.background{ background-color:#E56239 }
```

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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