

# Converting Colors

Hex(EF5639)

Have a look what the booklet for  
Hex(EE5639) contains.

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**Color**

**Hex(E E5639)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE5639
RGB	238, 86, 57
RGB Percent	93%, 34%, 22%
CMY	0.0667, 0.6627, 0.7765
CMYK	0.00, 0.64, 0.76, 0.07
HSL	10°, 84%, 58%
HSV	10°, 76%, 93%
XYZ	39.3262, 25.1281, 6.6484
YIQ	128.1420, 99.9010, 23.2050

# Conversions

## Conversions Part 2

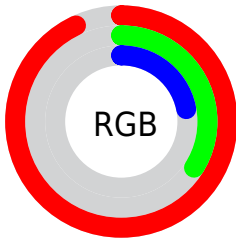
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 92, 57
Decimal	15619641
CIE <sub>Lab</sub>	57.20, 57.06, 47.45
CIE <sub>LCh</sub>	57, 74.213, 39.746
Yxy	25.1281, 0.5531, 0.3534
Android (android.graphics.Color)	4293809721 (0xFFEE5639)
YUV	128.1420, -35.0730, 96.3455
Hunter-Lab	50.1280, 52.3122, 27.2260

# Details

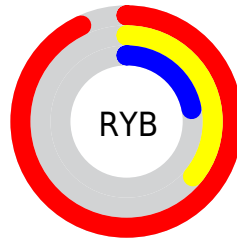
The Hex color **EE5639** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **39D1EE**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8E6A**, and **AE1709** is the 20% darker color. If you saturate the color by 10%, you get **EE4221**, and if you desaturate by 10%, it is **EE6A51**.

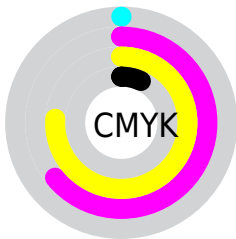
# Distribution



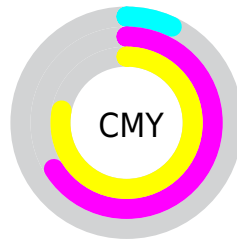
- Red (93%)
- Green (34%)
- Blue (22%)



- Red (93%)
- Yellow (36%)
- Blue (22%)



- Cyan (0%)
- Magenta (64%)
- Yellow (76%)
- Black (7%)



- Cyan (7%)
- Magenta (66%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EE5639 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 EE5639 by changing the saturation by 10% instead.



 EE5639

 EE5639

FFFFFF

 CE3922

 FF8E6A

 AE1709

 FFAA84

 8F0000

 FFC79E

 700000

 FFE4B9

 510000

 FFFFD5

 360002

 FFFFF2

 050000

 000000

 EE5639

 EE5639

 EE4221

 EE6A51

 EE2E09

 EE7E69

 EE2600

 EE9280

 EEA698

 EEBAB0

 EECEC8

 EEE2E0

 EEF6F7

 EFFFFFF

# Harmonies

## Analogous

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



FB3D77



EE5639



C87600

# Triad

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



EE5639



00A35A



008AFF

# Complementary

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



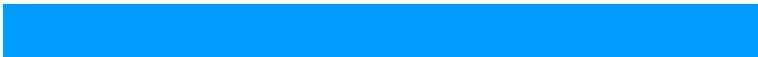
EE5639



39D1EE

# 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



EE5639



00A69D

# Square

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



EE5639



499C0E



00A4DB



A56DEE

# Rectangle

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



EE5639



A68600



00A4DB



0092FF



# Sweetspot

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



EE5639



FFCEC4



EE39D3



80625C



000000



808080



# Same Dimension

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



EE5639



FF3C17



EAAF39



786E6C



B81D00



380900

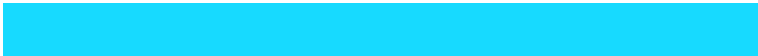


# Inverse Universe

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



39D1EE



17DAFF



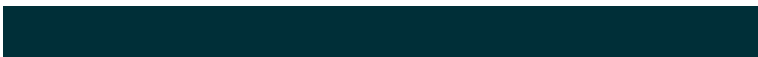
3978EE



6C7678



009AB8



002F38



# Previews

## White Background



This preview shows how the Hex color EE5639 looks on a white background.

## Color Contrast Check

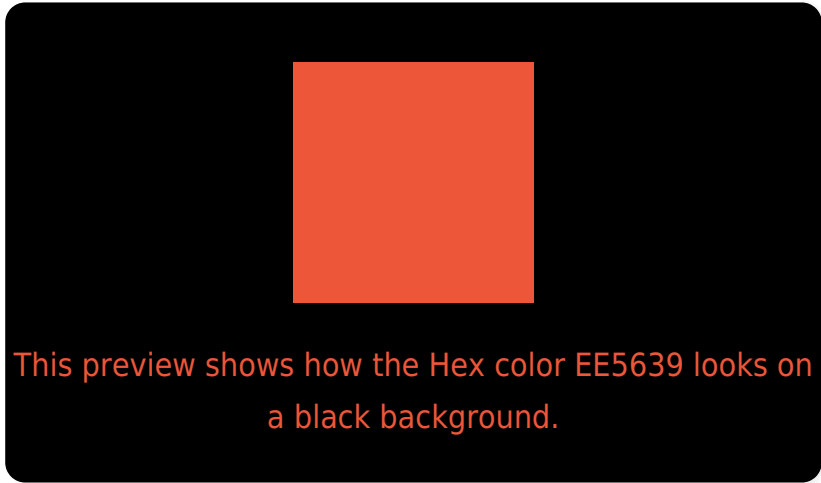
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE5639 Background



This preview shows how black text looks on a background with the Hex color EE5639.



This preview shows how white text looks on a background with the Hex color EE5639.

# 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**  
EE5639

**Protanopia**  
988A49

**Deuteranopia**  
AC832E



# Trichromacy



**Original Color**  
EE5639

**Protanomaly**  
B77743

**Deuteranomaly**  
C47332

**Tritanomaly**  
EF534C

# Monochromacy



**Original Color**  
EE5639

**Achromatopsia**  
808080

**Achromatomaly**  
A87166

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EE5639 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 #EE5639 looks like.

```
.text, #text, p{  
    color:#EE5639  
}
```

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 #EE5639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE5639
}
```

## Border

The CSS property to change the border of an element to Hex EE5639 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
#EE5639 }
```

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

```
.border{ border-color:#EE5639 }
```

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

Here you see how a box with a 4 pixel #EE5639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE5639; -webkit-box-shadow:4px 4px  
4px 4px #EE5639; box-shadow:4px 4px 4px  
4px #EE5639 }
```

# Background

The CSS property to change the background color of an element to Hex EE5639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE5639 }
```

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

```
.background{ background-color:#EE5639 }
```

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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