

Converting Colors

Hex(EE5F40)

Have a look what the booklet for
Hex(EE5F40) contains.

Hex(EE5F40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E E5F40)

Conversions

Conversions Part 1

Format	Color
Hex	EE5F40
RGB	238, 95, 64
RGB Percent	93%, 37%, 25%
CMY	0.0667, 0.6275, 0.7490
CMYK	0.00, 0.60, 0.73, 0.07
HSL	11°, 84%, 59%
HSV	11°, 73%, 93%
XYZ	40.2775, 26.7317, 7.8874
YIQ	134.2230, 95.1790, 20.6750

Conversions

Conversions Part 2

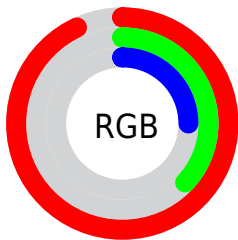
Format	Color
R_{YB}	238, 102, 64
Decimal	15621952
CIE _{Lab}	58.73, 53.47, 45.46
CIE _{LCh}	59, 70.184, 40.375
Yxy	26.7317, 0.5378, 0.3569
Android (android.graphics.Color)	4293812032 (0xFFEE5F40)
YUV	134.2230, -34.6199, 91.0124
Hunter-Lab	51.7027, 48.5755, 27.1471

Details

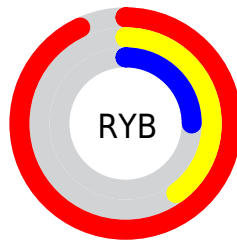
The Hex color **EE5F40** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **40CFEE**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF9671**, and **AF2611** is the 20% darker color. If you saturate the color by 10%, you get **EE4B28**, and if you desaturate by 10%, it is **EE7358**.

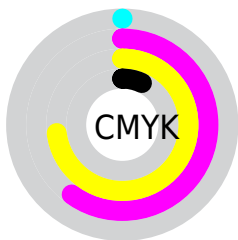
Distribution



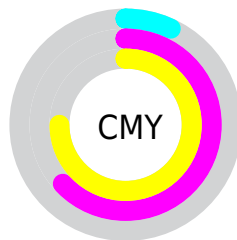
- Red (93%)
- Green (37%)
- Blue (25%)



- Red (93%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (60%)
- Yellow (73%)
- Black (7%)



- Cyan (7%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color EE5F40 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 EE5F40 by changing the saturation by 10% instead.

 EE5F40

 EE5F40

FFFFFF

 CE4329

 FF9671

 AF2611

 FF828B

 900000

 FFCFA6

 710000

 FFECC1

 530000

 FFFFDD

 380002

 FFFFFA

 0D0000

 000000

 EE5F40

 EE5F40

■ EE4B28

■ EE7358

■ EE3810

■ EE8670

■ EE2A00

■ EE9A87

■ EEAD9F

■ EEC1B7

■ EED4CF

■ EEE8E7

■ EEFBFE

■ EFFFFFF

Harmonies

Analogous

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



FA4B7B



EE5F40



CA7B00

Triad

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



EE5F40



00A761



008EFF

Complementary

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



EE5F40



40CFEE

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



EE5F40



00A9A2

Square

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



EE5F40



519F22



00A7DC



AA72EC

Rectangle

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



EE5F40



A98B00



00A7DC



0095FF

Sweetspot

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



EE5F40



FFD1C7



EE40D1



80645E



000000



808080

Same Dimension

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



EE5F40



FF471F



EEB440



786E6C



B82100



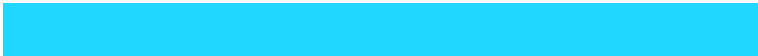
380A00

Inverse Universe

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



40CFEE



1FD7FF



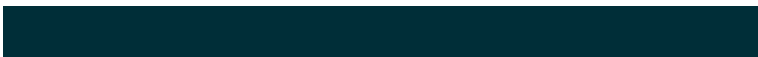
407AEE



6C7678



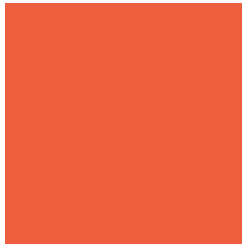
0097B8



002E38

Previews

White Background



This preview shows how the Hex color EE5F40 looks on a white background.

Color Contrast Check

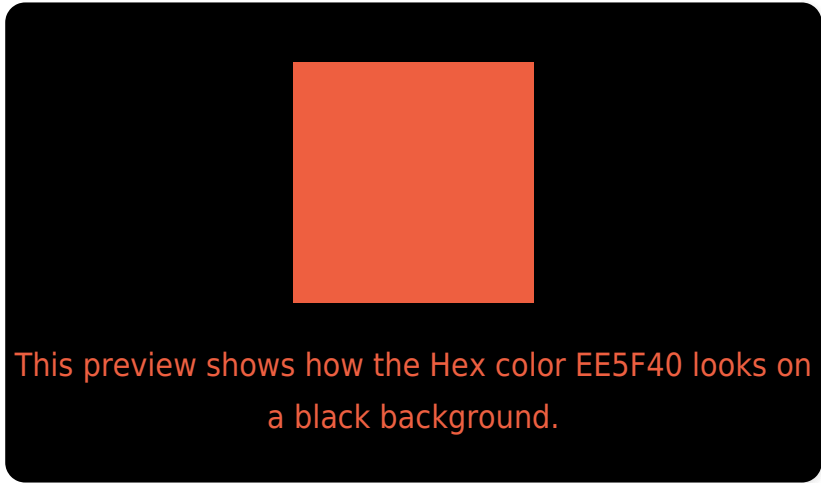
Large Text (above 18pt) WCAG AA ✓ Pass

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 EE5F40 Background



This preview shows how black text looks on a background with the Hex color EE5F40.



This preview shows how white text looks on a background with the Hex color EE5F40.

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
EE5F40

Protanopia
9C8E4F

Deuteranopia
B08737



Tritanopia
EF5B61

Trichromacy



Original Color
EE5F40

Protanomaly
BA7D4A

Deuteranomaly
C7783A

Tritanomaly
EF5C55

Monochromacy



Original Color
EE5F40

Achromatopsia
868686

Achromatomaly
AC786D

CSS Examples

Text

The CSS property to change the color of the text to Hex EE5F40 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 #EE5F40 looks like.

```
.text, #text, p{  
    color:#EE5F40  
}
```

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 #EE5F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE5F40
}
```

Border

The CSS property to change the border of an element to Hex EE5F40 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
#EE5F40 }
```

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

```
.border{ border-color:#EE5F40 }
```

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

Here you see how a box with a 4 pixel #EE5F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE5F40; -webkit-box-shadow:4px 4px  
4px 4px #EE5F40; box-shadow:4px 4px 4px  
4px #EE5F40 }
```

Background

The CSS property to change the background color of an element to Hex EE5F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE5F40 }
```

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

```
.background{ background-color:#EE5F40 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor