

Converting Colors

Hex(ED6F40)

Have a look what the booklet for
Hex(ED6F40) contains.

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Color

Hex(ED6F40)

Conversions

Conversions Part 1

Format	Color
Hex	ED6F40
RGB	237, 111, 64
RGB Percent	93%, 44%, 25%
CMY	0.0706, 0.5647, 0.7490
CMYK	0.00, 0.53, 0.73, 0.07
HSL	16°, 83%, 59%
HSV	16°, 73%, 93%
XYZ	41.5349, 29.7436, 8.4024
YIQ	143.3160, 90.1830, 12.0950

Conversions

Conversions Part 2

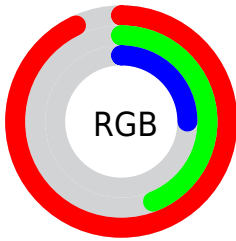
Format	Color
R _Y B	237, 129, 64
Decimal	15560512
CIE Lab	61.43, 45.67, 48.36
CIE LCh	61, 66.511, 46.638
Yxy	29.7436, 0.5213, 0.3733
Android (android.graphics.Color)	4293750592 (0xFFED6F40)
YUV	143.3160, -39.1028, 82.1609
Hunter-Lab	54.5377, 40.5015, 29.0417

Details

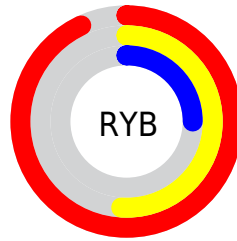
The Hex color **ED6F40** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **40BEED**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA572**, and **AE3A0F** is the 20% darker color. If you saturate the color by 10%, you get **ED5E28**, and if you desaturate by 10%, it is **ED8058**.

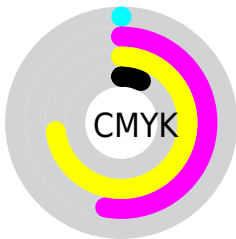
Distribution



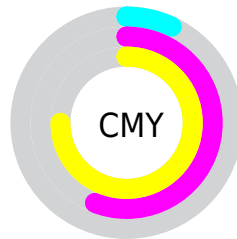
- Red (93%)
- Green (44%)
- Blue (25%)



- Red (93%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (53%)
- Yellow (73%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED6F40 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 ED6F40 by changing the saturation by 10% instead.

ED6F40

ED6F40

FFFFFF

CE5528

FFA572

AE3A0F

FFC18C

901E00

FFDEA7

720000

FFFBC2

540000

FFFFDF

390001

FFFFFC

140000

000000

ED6F40

ED6F40

 ED5E28

 ED8058

 ED4C11

 ED926F

 ED4000

 EDA387

 EDB49F

 EDC5B7

 EDD7CE

 EDE8E6

 EDF9FE

 EDFFFF

Harmonies

Analogous

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



FE5B76



ED6F40



C7880D

Triad

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



ED6F40



00AE77



5B90FF

Complementary

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



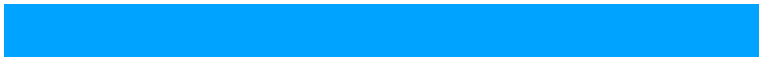
ED6F40



40BEED

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.



00A3FF



ED6F40



00B0B4

Square

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



ED6F40



4BA83D



00ADE9



C075E6

Rectangle

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



ED6F40



A59600



00ADE9



0097FF

Sweetspot

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



ED6F40



FFD6C7



ED40BF



80675E



000000



808080

Same Dimension

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



ED6F40



FF5C1F



EDC540



756D6A



B53100



360F00

Inverse Universe

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



40BEED



1FC2FF



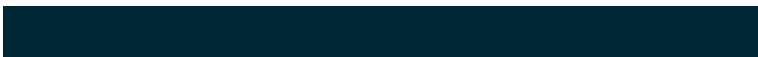
4068ED



6A7275



0084B5



002736

Previews

White Background



This preview shows how the Hex color ED6F40 looks on a white background.

Color Contrast Check

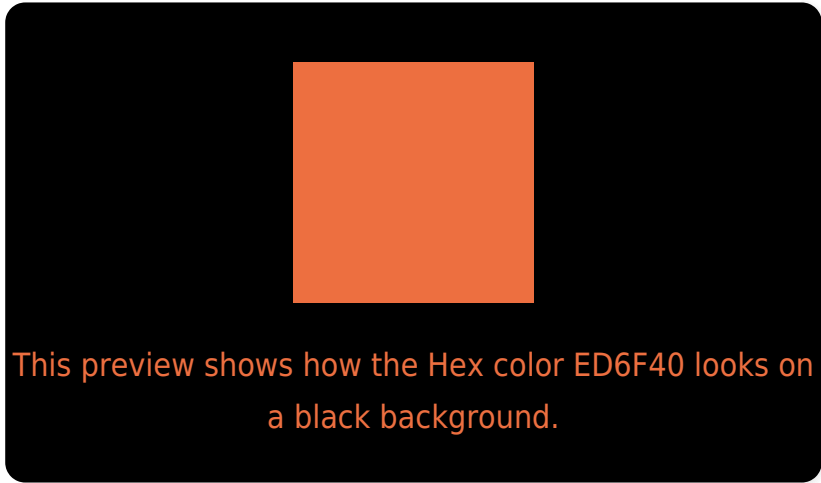
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED6F40 Background



This preview shows how black text looks on a background with the Hex color ED6F40.

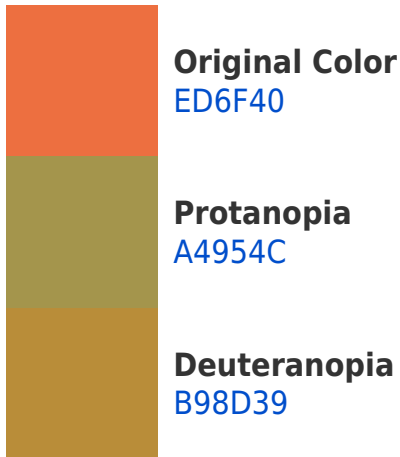


This preview shows how white text looks on a background with the Hex color ED6F40.

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
EF6970

Trichromacy



Original Color
ED6F40

Protanomaly
BF8748

Deuteranomaly
CC823C

Tritanomaly
EE6B5F

Monochromacy



Original Color
ED6F40

Achromatopsia
8F8F8F

Achromatomaly
B18372

CSS Examples

Text

The CSS property to change the color of the text to Hex ED6F40 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 #ED6F40 looks like.

```
.text, #text, p{  
    color:#ED6F40  
}
```

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 #ED6F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED6F40
}
```

Border

The CSS property to change the border of an element to Hex ED6F40 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
#ED6F40 }
```

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

```
.border{ border-color:#ED6F40 }
```

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

Here you see how a box with a 4 pixel #ED6F40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED6F40; -webkit-box-shadow:4px 4px  
4px 4px #ED6F40; box-shadow:4px 4px 4px  
4px #ED6F40 }
```

Background

The CSS property to change the background color of an element to Hex ED6F40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED6F40 }
```

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

```
.background{ background-color:#ED6F40 }
```

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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