

Converting Colors

Hex(ED6344)

Have a look what the booklet for
Hex(ED6344) contains.

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Color

Hex(ED6344)

Conversions

Conversions Part 1

Format	Color
Hex	ED6344
RGB	237, 99, 68
RGB Percent	93%, 39%, 27%
CMY	0.0706, 0.6118, 0.7333
CMYK	0.00, 0.58, 0.71, 0.07
HSL	11°, 82%, 60%
HSV	11°, 71%, 93%
XYZ	40.4303, 27.3456, 8.6162
YIQ	136.7280, 92.1990, 19.6150

Conversions

Conversions Part 2

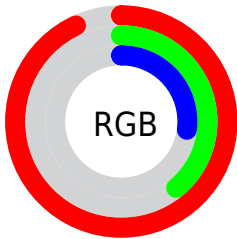
Format	Color
R _Y B	237, 106, 68
Decimal	15557444
CIE Lab	59.29, 51.50, 43.95
CIE LCh	59, 67.701, 40.480
Yxy	27.3456, 0.5292, 0.3580
Android (android.graphics.Color)	4293747524 (0xFFED6344)
YUV	136.7280, -33.8829, 87.9385
Hunter-Lab	52.2930, 46.4944, 26.8361

Details

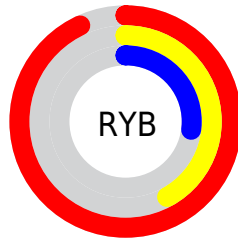
The Hex color **ED6344** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle muted orange. A complement of this color would be **44CEED**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF9A75**, and **AE2B15** is the 20% darker color. If you saturate the color by 10%, you get **ED502C**, and if you desaturate by 10%, it is **ED765C**.

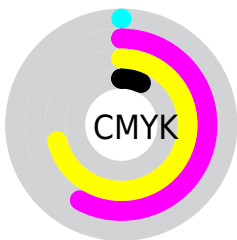
Distribution



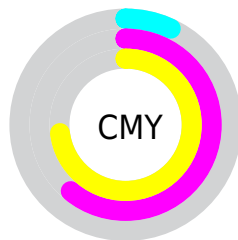
- Red (93%)
- Green (39%)
- Blue (27%)



- Red (93%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED6344 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 ED6344 by changing the saturation by 10% instead.

 ED6344

 ED6344

FFFFFF

 CD482D

 FF9A75

 AE2B15

 FFB690

 8F0400

 FFD2AA

 710000

 FFF0C6

 530000

 FFFF E2

 380002

 0E0000

 000000

 ED6344

 ED6344

 ED502C

 ED765C

 ED3C15

 ED8A73

 ED2B00

 ED9D8B

 EDB0A3

 EDC4BA

 EDD7D2

 EDEAEA

 EDFEFF

 EDFFFF

Harmonies

Analogous

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



F9517C



ED6344



CA7D0B

Triad

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



ED6344



00A865



158FFF

Complementary

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



ED6344



44CEED

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.



00A0FF



ED6344



00AAA3

Square

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



ED6344



55A02A



00A8DB



AB75EA

Rectangle

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



ED6344



AA8C00



00A8DB



0096FF

Sweetspot

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



ED6344



FFD3C9



ED44CE



806560



000000



808080

Same Dimension

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



ED6344



FF4C24



EDB744



756C6A



B52100



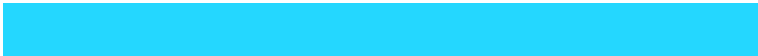
360A00

Inverse Universe

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



44CEED



24D7FF



447AED



6A7375



0094B5



002C36

Previews

White Background



This preview shows how the Hex color ED6344 looks on a white background.

Color Contrast Check

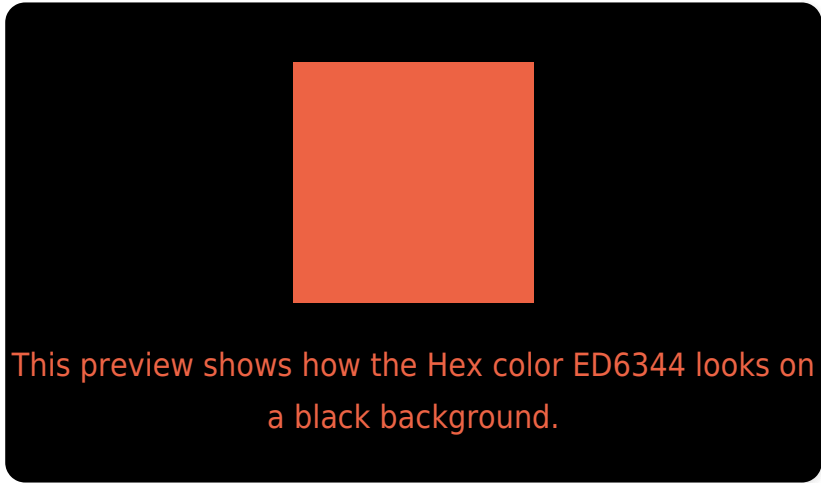
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED6344 Background



This preview shows how black text looks on a background with the Hex color ED6344.

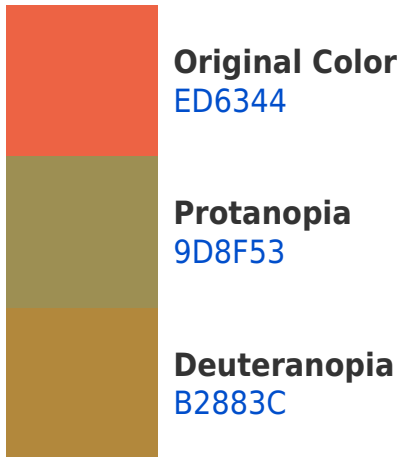


This preview shows how white text looks on a background with the Hex color ED6344.

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
EE5F65

Trichromacy



Original Color
ED6344

Protanomaly
BA7F4E

Deuteranomaly
C77B3F

Tritanomaly
EE6059

Monochromacy



Original Color
ED6344

Achromatopsia
898989

Achromatomaly
AD7B70

CSS Examples

Text

The CSS property to change the color of the text to Hex ED6344 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 #ED6344 looks like.

```
.text, #text, p{  
    color:#ED6344  
}
```

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 #ED6344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED6344
}
```

Border

The CSS property to change the border of an element to Hex ED6344 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
#ED6344 }
```

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

```
.border{ border-color:#ED6344 }
```

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

Here you see how a box with a 4 pixel #ED6344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED6344; -webkit-box-shadow:4px 4px  
4px 4px #ED6344; box-shadow:4px 4px 4px  
4px #ED6344 }
```

Background

The CSS property to change the background color of an element to Hex ED6344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED6344 }
```

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

```
.background{ background-color:#ED6344 }
```

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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