

Converting Colors

Hex(ED8633)

Have a look what the booklet for
Hex(ED8633) contains.

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Color

Hex(ED8633)

Conversions

Conversions Part 1

Format	Color
Hex	ED8633
RGB	237, 134, 51
RGB Percent	93%, 53%, 20%
CMY	0.0706, 0.4745, 0.8000
CMYK	0.00, 0.43, 0.78, 0.07
HSL	27°, 84%, 56%
HSV	27°, 78%, 93%
XYZ	44.0477, 35.2937, 7.6228
YIQ	155.3350, 88.0310, -3.9770

Conversions

Conversions Part 2

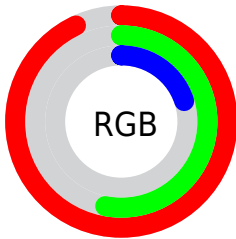
Format	Color
R_{YB}	237, 201, 51
Decimal	15566387
CIE _{Lab}	65.98, 33.58, 58.91
CIE _{LCh}	66, 67.809, 60.315
Yxy	35.2937, 0.5065, 0.4058
Android (android.graphics.Color)	4293756467 (0xFFED8633)
YUV	155.3350, -51.4372, 71.6202
Hunter-Lab	59.4085, 28.3816, 33.9784

Details

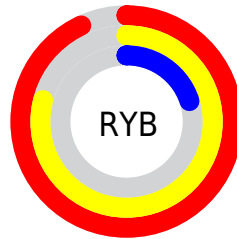
The Hex color **ED8633** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **339AED**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFBC67**, and **AF5300** is the 20% darker color. If you saturate the color by 10%, you get **ED791B**, and if you desaturate by 10%, it is **ED934B**.

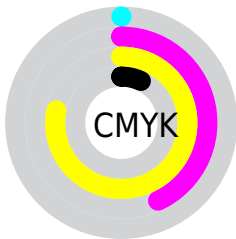
Distribution



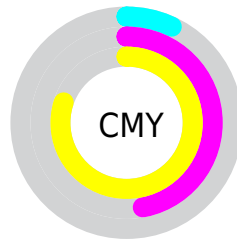
- Red (93%)
- Green (53%)
- Blue (20%)



- Red (93%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED8633 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 ED8633 by changing the saturation by 10% instead.

 ED8633

 ED8633

FFFFFF

 CE6C17

 FFBC67

 AF5300

 FFD882

 913A00

 FFF59D

 732200

 FFFFB8

 550700

 FFFFD5

 3A0000

 FFFFF2

 1E0001

 000000

 ED8633

 ED8633

 ED791B

 ED934B

 ED6C04

 EDA062

 ED6A00

 EDAD7A

 EDBA92

 EDC8A9

 EDD5C1

 EDE2D9

 EDEFF1

 EDFCFF

Harmonies

Analogous

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



FF6D67



ED8633



BE9E0C

Triad

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



ED8633



00BD9F



A090FF

Complementary

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



ED8633



339AED

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.



00A7FF



ED8633



00BCDC

Square

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



ED8633



05B861



00B6FF



EA74DE

Rectangle

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



ED8633



97AA1B



00B6FF



7998FF

Sweetspot

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



ED8633



FFDDC2



ED339C



806B5B



000000



808080

Same Dimension

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



ED8633



FF7A0F



EDE133



756F6A



B55100



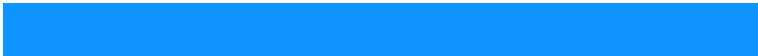
361800

Inverse Universe

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



339AED



0F94FF



333FED



6A7075



0064B5



001E36

Previews

White Background



This preview shows how the Hex color ED8633 looks on a white background.

Color Contrast Check

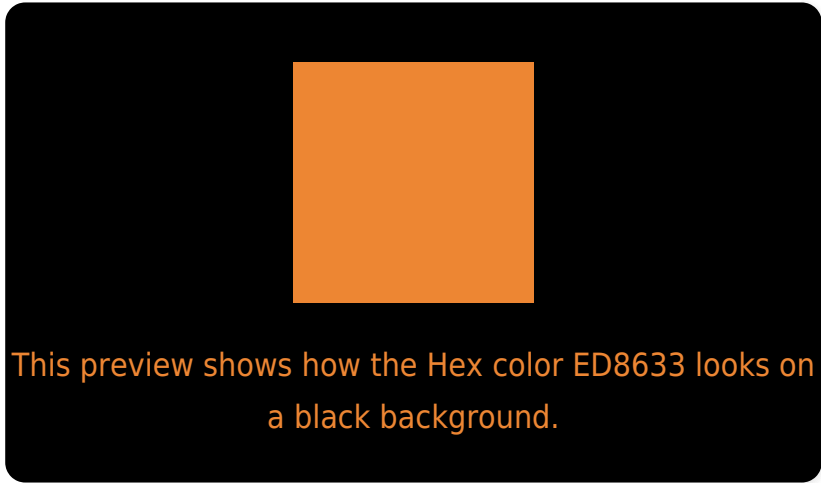
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex ED8633 Background



This preview shows how black text looks on a background with the Hex color ED8633.



This preview shows how white text looks on a background with the Hex color ED8633.

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
ED8633

Protanopia
B4A13A

Deuteranopia
CA992C



Tritanopia
F17E87

Trichromacy



Original Color
ED8633

Protanomaly
C99737

Deuteranomaly
D7922F

Tritanomaly
F08168

Monochromacy



Original Color
ED8633

Achromatopsia
9B9B9B

Achromatomaly
B99375

CSS Examples

Text

The CSS property to change the color of the text to Hex ED8633 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 #ED8633 looks like.

```
.text, #text, p{  
    color:#ED8633  
}
```

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 #ED8633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8633  
}
```

Border

The CSS property to change the border of an element to Hex ED8633 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  
#ED8633 }
```

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

```
.border{ border-color:#ED8633 }
```

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

Here you see how a box with a 4 pixel #ED8633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8633; -webkit-box-shadow:4px 4px  
4px 4px #ED8633; box-shadow:4px 4px 4px  
4px #ED8633 }
```

Background

The CSS property to change the background color of an element to Hex ED8633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8633 }
```

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

```
.background{ background-color:#ED8633 }
```

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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