

# Converting Colors

Hex(ED8033)

Have a look what the booklet for  
Hex(ED8033) contains.

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**Color**

**Hex(ED8033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED8033
RGB	237, 128, 51
RGB Percent	93%, 50%, 20%
CMY	0.0706, 0.4980, 0.8000
CMYK	0.00, 0.46, 0.78, 0.07
HSL	25°, 84%, 56%
HSV	25°, 78%, 93%
XYZ	43.2418, 33.6819, 7.3541
YIQ	151.8130, 89.6810, -0.8390

# Conversions

## Conversions Part 2

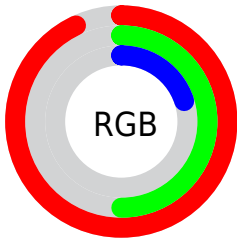
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 182, 51
Decimal	15564851
CIE <sub>Lab</sub>	64.71, 36.67, 57.70
CIE <sub>LCh</sub>	65, 68.370, 57.565
Yxy	33.6819, 0.5131, 0.3997
Android (android.graphics.Color)	4293754931 (0xFFED8033)
YUV	151.8130, -49.7008, 74.7090
Hunter-Lab	58.0361, 31.4343, 33.1122

# Details

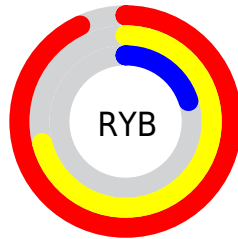
The Hex color **ED8033** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **33A0ED**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB667**, and **AF4D00** is the 20% darker color. If you saturate the color by 10%, you get **ED721B**, and if you desaturate by 10%, it is **ED8E4B**.

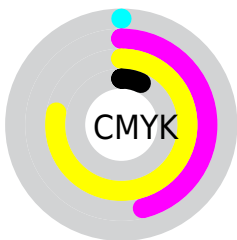
# Distribution



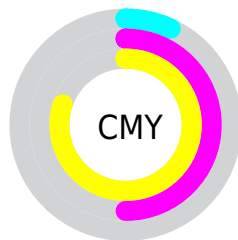
- Red (93%)
- Green (50%)
- Blue (20%)



- Red (93%)
- Yellow (71%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED8033 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 ED8033 by changing the saturation by 10% instead.



 ED8033

 ED8033

FFFFFF

 CE6617

 FFB667

 AF4D00

 FFD281

 903400

 FFEF9C

 721B00

 FFFFB8

 550000

 FFFFD4

 390000

 FFFFF1

 1B0001

 000000

 ED8033

 ED8033

 ED721B

 ED8E4B

 ED6404

 ED9C62

 ED6200

 EDAA7A

 EDB892

 EDC5A9

 EDD3C1

 EDE1D9

 EDEFF1

 EDFDFF

# Harmonies

## Analogous

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



FF6768



ED8033



BF9802

# Triad

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



ED8033



00B996



928FFF

# Complementary

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



ED8033



33A0ED

# 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.



00A6FF



ED8033



00B9D4

# Square

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



ED8033



1BB458



00B3FF



E273DF

# Rectangle

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



ED8033



99A50E



00B3FF



6797FF



# Sweetspot

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



ED8033



FFDBC2



ED33A3



806A5B



000000



808080



# Same Dimension

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



ED8033



FF730F



EDDA33



756E6A



B54B00



361600



# Inverse Universe

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



33A0ED



0F9CFF



3346ED



6A7075



006AB5



001F36



# Previews

## White Background



This preview shows how the Hex color ED8033 looks on a white background.

## Color Contrast Check

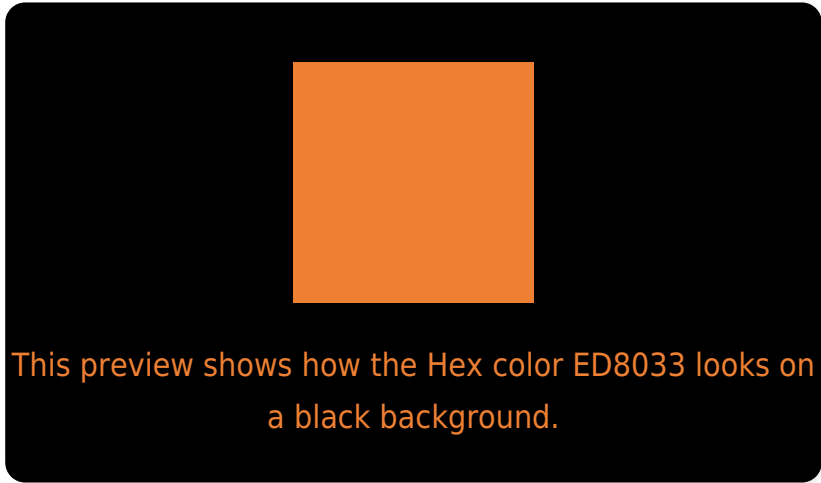
Large Text (above 18pt) WCAG AA × Fail

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 ED8033 Background



This preview shows how black text looks on a background with the Hex color ED8033.

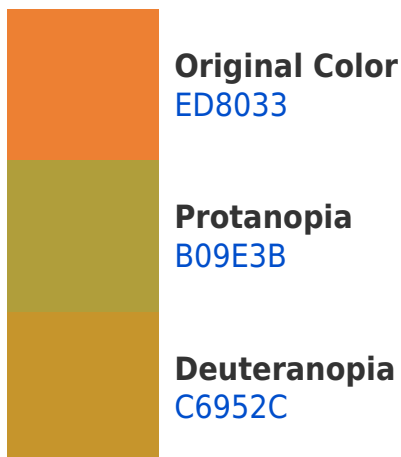


This preview shows how white text looks on a background with the Hex color ED8033.

# 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**  
F17881

# Trichromacy



**Original Color**  
ED8033

**Protanomaly**  
C69338

**Deuteranomaly**  
D48D2F

**Tritanomaly**  
F07B65

# Monochromacy



**Original Color**  
ED8033

**Achromatopsia**  
989898

**Achromatomaly**  
B78F73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED8033 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 #ED8033 looks like.

```
.text, #text, p{  
    color:#ED8033  
}
```

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 #ED8033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8033  
}
```

## Border

The CSS property to change the border of an element to Hex ED8033 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  
#ED8033 }
```

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

```
.border{ border-color:#ED8033 }
```

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

Here you see how a box with a 4 pixel #ED8033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8033; -webkit-box-shadow:4px 4px  
4px 4px #ED8033; box-shadow:4px 4px 4px  
4px #ED8033 }
```

# Background

The CSS property to change the background color of an element to Hex ED8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8033 }
```

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

```
.background{ background-color:#ED8033 }
```

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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