

Converting Colors

Hex(ED8831)

Have a look what the booklet for
Hex(ED8831) contains.

Hex(ED8831)	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(ED8831)

Conversions

Conversions Part 1

Format	Color
Hex	ED8831
RGB	237, 136, 49
RGB Percent	93%, 53%, 19%
CMY	0.0706, 0.4667, 0.8078
CMYK	0.00, 0.43, 0.79, 0.07
HSL	28°, 84%, 56%
HSV	28°, 79%, 93%
XYZ	44.2836, 35.8346, 7.4885
YIQ	156.2810, 88.1230, -5.6450

Conversions

Conversions Part 2

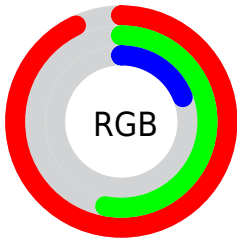
Format	Color
R _Y B	237, 211, 49
Decimal	15566897
CIE Lab	66.39, 32.48, 60.12
CIE LCh	66, 68.326, 61.621
Yxy	35.8346, 0.5055, 0.4090
Android (android.graphics.Color)	4293756977 (0xFFED8831)
YUV	156.2810, -52.8895, 70.7906
Hunter-Lab	59.8620, 27.2889, 34.4865

Details

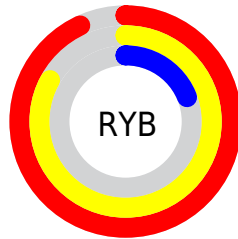
The Hex color **ED8831** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3196ED**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFBE66**, and **AF5500** is the 20% darker color. If you saturate the color by 10%, you get **ED7B19**, and if you desaturate by 10%, it is **ED9549**.

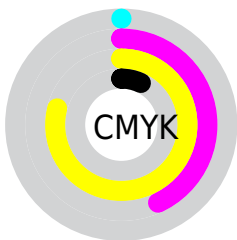
Distribution



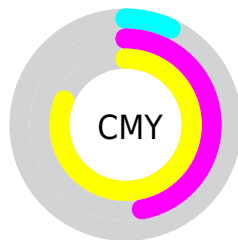
- Red (93%)
- Green (53%)
- Blue (19%)



- Red (93%)
- Yellow (83%)
- Blue (19%)



- Cyan (0%)
- Magenta (43%)
- Yellow (79%)
- Black (7%)



- Cyan (7%)
- Magenta (47%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED8831 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 ED8831 by changing the saturation by 10% instead.

 ED8831

 ED8831

FFFFFF

 CE6E13

 FFBE66

 AF5500

 FFDA80

 913D00

 FFF79B

 732500

 FFFFFB7

 560B00

 FFFFD3

 3A0000

 FFFFF0

 1F0001

 000000

 ED8831

 ED8831

ED7B19

ED9549

ED6F02

EDA160

ED6E00

EDAE78

EDBB90

EDC8A7

EDD4BF

EDE1D7

EDEEEF

EDFBFF

Harmonies

Analogous

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



FF6F65



ED8831



BDA00B

Triad

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



ED8831



00BEA3



A590FF

Complementary

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



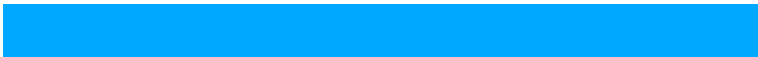
ED8831



3196ED

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.



00A8FF



ED8831



00BDE0

Square

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



ED8831



00BA64



00B7FF



EE74DD

Rectangle

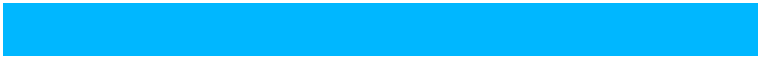
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED8831



95AC1C



00B7FF



8098FF

Sweetspot

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



ED8831



FFDEC2



ED3198



806C5B



000000



808080

Same Dimension

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



ED8831



FF7D0D



EDE431



756F6A



B55400



361900

Inverse Universe

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



3196ED



0D8FFF



313AED



6A7075



0061B5



001D36

Previews

White Background



This preview shows how the Hex color ED8831 looks on a white background.

Color Contrast Check

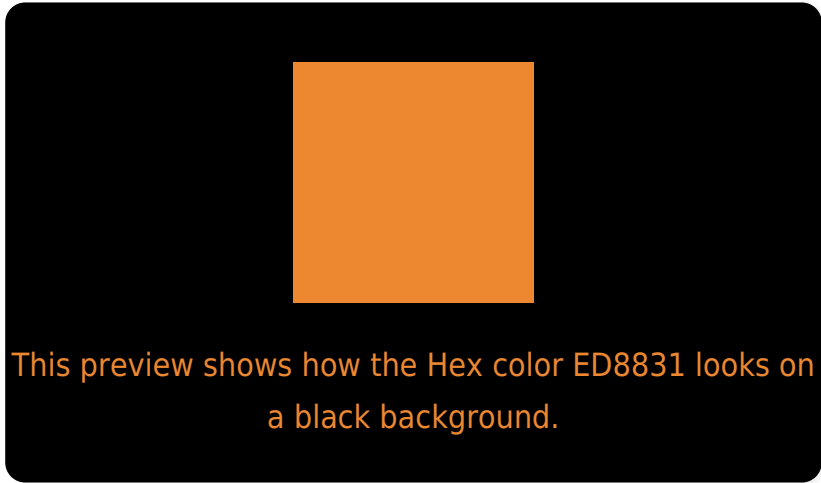
Large Text (above 18pt) WCAG AA × Fail

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 ED8831 Background



This preview shows how black text looks on a background with the Hex color ED8831.



This preview shows how white text looks on a background with the Hex color ED8831.

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
ED8831

Protanopia
B5A238

Deuteranopia
CB9A2A



Tritanopia
F17F88

Trichromacy



Original Color
ED8831

Protanomaly
C99935

Deuteranomaly
D7932D

Tritanomaly
F08268

Monochromacy



Original Color
ED8831

Achromatopsia
9C9C9C

Achromatomaly
B99575

CSS Examples

Text

The CSS property to change the color of the text to Hex ED8831 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 #ED8831 looks like.

```
.text, #text, p{  
    color:#ED8831  
}
```

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 #ED8831 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8831
}
```

Border

The CSS property to change the border of an element to Hex ED8831 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
#ED8831 }
```

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

```
.border{ border-color:#ED8831 }
```

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

Here you see how a box with a 4 pixel #ED8831 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8831; -webkit-box-shadow:4px 4px  
4px 4px #ED8831; box-shadow:4px 4px 4px  
4px #ED8831 }
```

Background

The CSS property to change the background color of an element to Hex ED8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8831 }
```

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

```
.background{ background-color:#ED8831 }
```

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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