

# Converting Colors

Hex(ED8B50)

Have a look what the booklet for  
Hex(ED8B50) contains.

<b>Hex(ED8B50)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(ED8B50)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED8B50
RGB	237, 139, 80
RGB Percent	93%, 55%, 31%
CMY	0.0706, 0.4549, 0.6863
CMYK	0.00, 0.41, 0.66, 0.07
HSL	23°, 81%, 62%
HSV	23°, 66%, 93%
XYZ	45.6056, 37.0489, 12.3369
YIQ	161.5760, 77.3470, 2.4270

# Conversions

## Conversions Part 2

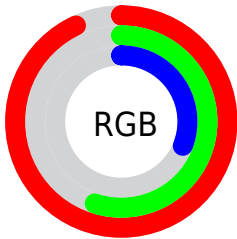
Format	Color
<a href="#">RYB</a>	<a href="#">237, 175, 80</a>
Decimal	<a href="#">15567696</a>
CIELab	<a href="#">67.31, 32.33, 46.87</a>
CIELCh	<a href="#">67, 56.934, 55.403</a>
Yxy	<a href="#">37.0489, 0.4801, 0.3900</a>
Android (android.graphics.Color)	<a href="#">4293757776</a> ( <a href="#">0xFFED8B50</a> )
YUV	<a href="#">161.5760, -40.2170, 66.1468</a>
Hunter-Lab	<a href="#">60.8678, 27.2236, 30.5904</a>

# Details

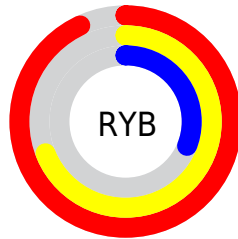
The Hex color **ED8B50** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **50B2ED**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFC183**, and **B0581F** is the 20% darker color. If you saturate the color by 10%, you get **ED7C38**, and if you desaturate by 10%, it is **ED9A68**.

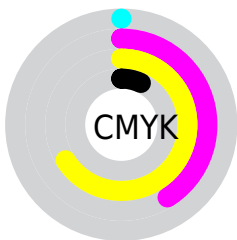
# Distribution



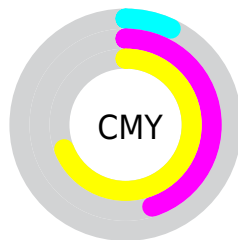
- Red (93%)
- Green (55%)
- Blue (31%)



- Red (93%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (41%)
- Yellow (66%)
- Black (7%)



- Cyan (7%)
- Magenta (45%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED8B50 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 ED8B50 by changing the saturation by 10% instead.



 ED8B50

 ED8B50

FFFFFF

 CE7137

 FFC183

 B0581F

 FFDD9E

 923F03

 FFFAB9

 752700

 FFFFD5

 580E00

 FFFFF2

 3C0000

 230001

 000000

 ED8B50

 ED8B50

 ED7C38

 ED9A68

 ED6D21

 EDA97F

 ED5F09

 EDB797

 ED5900

 EDC6AF

 EDD5C6

 EDE4DE

 EDF3F6

 EDFFFF

# Harmonies

## Analogous

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



FF7A7B



ED8B50



C79F38

# Triad

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



ED8B50



00BD9A



999AFF

# Complementary

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



ED8B50



50B2ED

# 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.



00ACFF



ED8B50



00BDCE

# Square

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



ED8B50



53B867



00B8F7



DB85DF

# Rectangle

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



ED8B50



A7A93A



00B8F7



79A0FF



# Sweetspot

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



ED8B50



FFDFCC



ED50B3



806C61



000000



808080



# Same Dimension

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



ED8B50



FF8136



EDD850



756E6A



B54400



361400



# Inverse Universe

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



50B2ED



36B3FF



5065ED



6A7175



0071B5



002136



# Previews

## White Background



This preview shows how the Hex color ED8B50 looks on a white background.

## Color Contrast Check

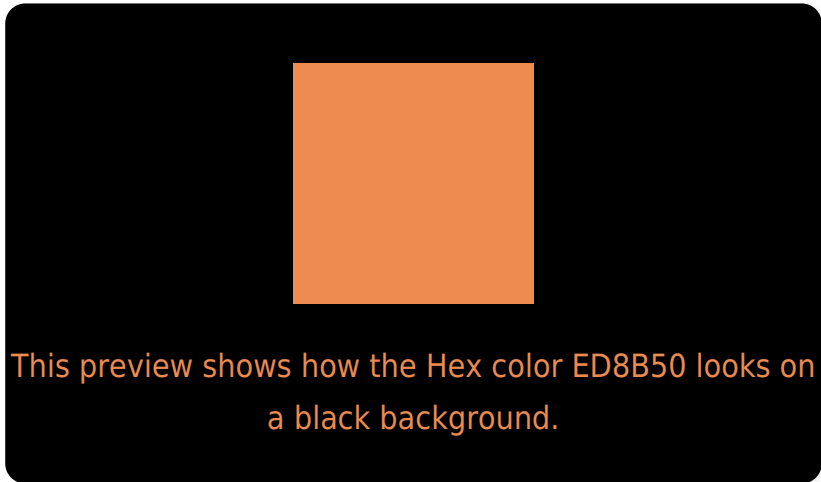
Large Text (above 18pt) WCAG AA × Fail

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 ED8B50 Background



This preview shows how black text looks on a background with the Hex color ED8B50.

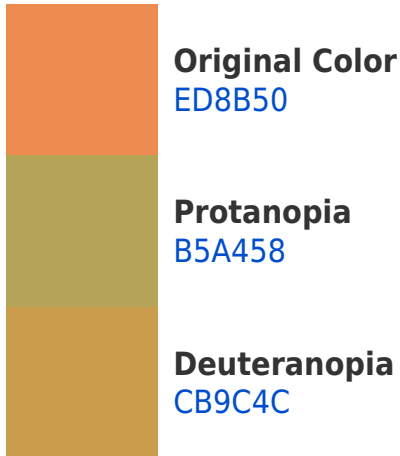


This preview shows how white text looks on a background with the Hex color ED8B50.

# 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](#).

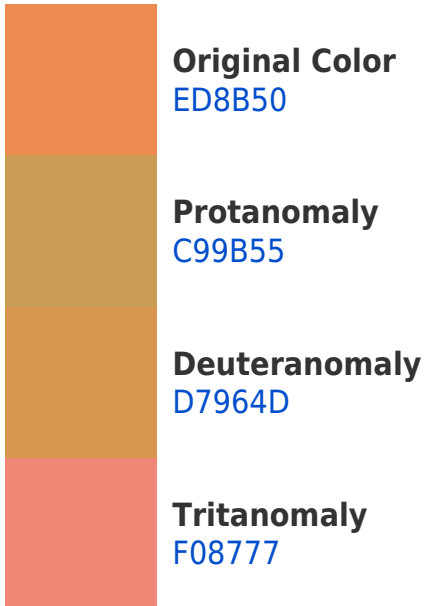
## Dichromacy





**Tritanopia**  
F1848D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED8B50 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 #ED8B50 looks like.

```
.text, #text, p{  
    color:#ED8B50  
}
```

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 #ED8B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8B50
}
```

## Border

The CSS property to change the border of an element to Hex ED8B50 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
#ED8B50 }
```

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

```
.border{ border-color:#ED8B50 }
```

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

Here you see how a box with a 4 pixel #ED8B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8B50; -webkit-box-shadow:4px 4px  
4px 4px #ED8B50; box-shadow:4px 4px 4px  
4px #ED8B50 }
```

# Background

The CSS property to change the background color of an element to Hex ED8B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8B50 }
```

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

```
.background{ background-color:#ED8B50 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor