

# Converting Colors

Hex(ED9D2D)

Have a look what the booklet for  
Hex(ED9D2D) contains.

<b>Hex(ED9D2D)</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(ED9D2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED9D2D
RGB	237, 157, 45
RGB Percent	93%, 62%, 18%
CMY	0.0706, 0.3843, 0.8235
CMYK	0.00, 0.34, 0.81, 0.07
HSL	35°, 84%, 55%
HSV	35°, 81%, 93%
XYZ	47.4557, 42.3079, 8.1477
YIQ	168.1520, 83.6320, -17.8720

# Conversions

## Conversions Part 2

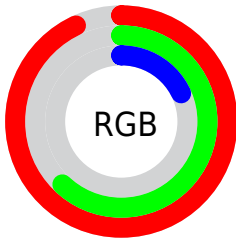
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 237, 45
Decimal	15572269
CIELab	71.08, 21.30, 65.86
CIELCh	71, 69.223, 72.075
Yxy	42.3079, 0.4847, 0.4321
Android (android.graphics.Color)	4293762349 (0xFFED9D2D)
YUV	168.1520, -60.7139, 60.3797
Hunter-Lab	65.0445, 16.4034, 38.1043

# Details

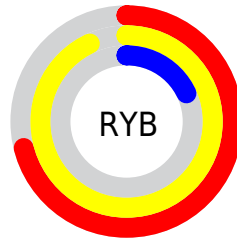
The Hex color **ED9D2D** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **2D7DED**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFD464**, and **B06A00** is the 20% darker color. If you saturate the color by 10%, you get **ED9315**, and if you desaturate by 10%, it is **EDA745**.

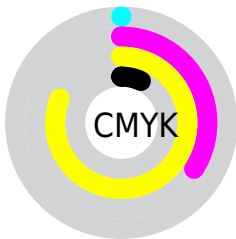
# Distribution



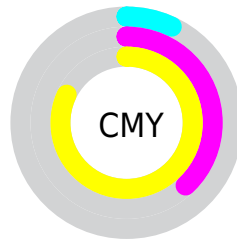
- Red (93%)
- Green (62%)
- Blue (18%)



- Red (71%)
- Yellow (93%)
- Blue (18%)



- Cyan (0%)
- Magenta (34%)
- Yellow (81%)
- Black (7%)



- Cyan (7%)
- Magenta (38%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED9D2D 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 ED9D2D by changing the saturation by 10% instead.



 ED9D2D

 ED9D2D

FFFFFF

 CE8307

 FFD464

 B06A00

 FFF07F

 925100

 FFFF9B

 743A00

 FFFFB7

 572400

 FFFFD4

 3C0E00

 FFFFF1

 250000

 000000

 ED9D2D

 ED9D2D

 ED9315

 EDA745

 ED8A00

 EDB15C

 EDBB74

 EDC48C

 EDCEA3

 EDD8BB

 EDE2D3

 EDECEB

 EDF6FF

# Harmonies

## Analogous

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



FF835C



ED9D2D



B6B320

# Triad

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



ED9D2D



00CCC6



D292FF

# Complementary

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



ED9D2D



2D7DED

# 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.



5CADFF



ED9D2D



00C9FF

# Square

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



ED9D2D



00C985



00BFFF



FF78D6

# Rectangle

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



ED9D2D



8ABE39



00BFFF



B49BFF



# Sweetspot

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



ED9D2D



FFE6C2



ED2D7D



80705B



000000



808080



# Same Dimension

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



ED9D2D



FF9808



DDED2D



75706A



B56A00



361F00



# Inverse Universe

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



2D7DED



086FFF



3D2DED



6A6E75



004BB5



001636



# Previews

## White Background



This preview shows how the Hex color ED9D2D looks on a white background.

## Color Contrast Check

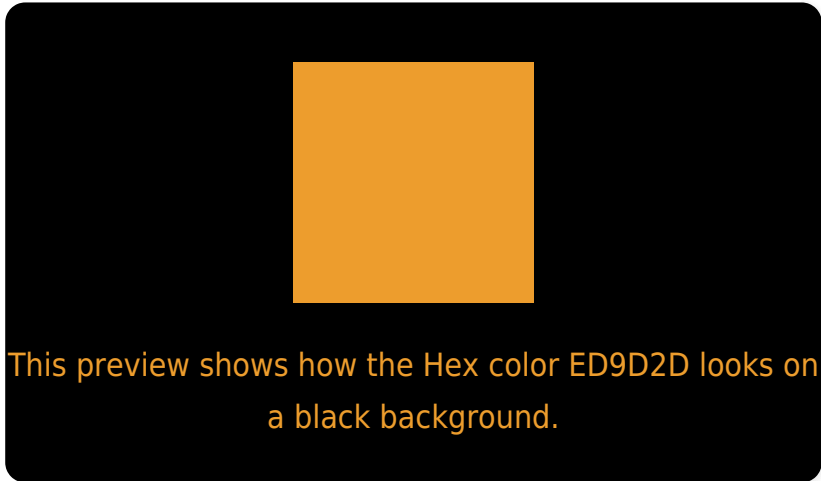
Large Text (above 18pt) WCAG AA × Fail

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 ED9D2D Background



This preview shows how black text looks on a background with the Hex color ED9D2D.

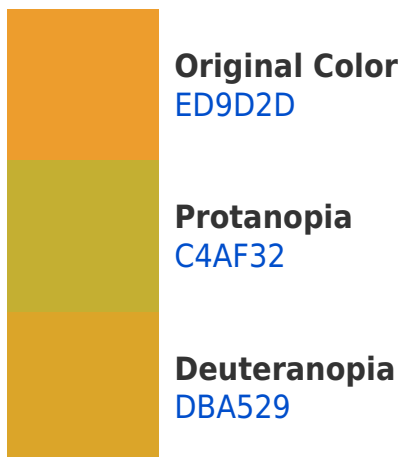



This preview shows how white text looks on a background with the Hex color ED9D2D.

# 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](#).

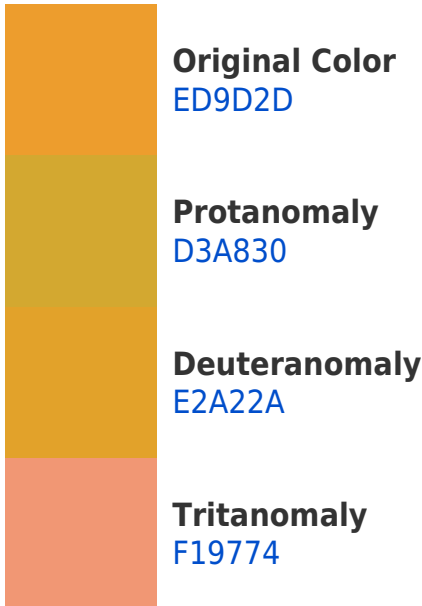
## Dichromacy





**Tritanopia**  
F3939D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED9D2D 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 #ED9D2D looks like.

```
.text, #text, p{  
    color:#ED9D2D  
}
```

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 #ED9D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED9D2D
}
```

## Border

The CSS property to change the border of an element to Hex ED9D2D 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
#ED9D2D }
```

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

```
.border{ border-color:#ED9D2D }
```

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

Here you see how a box with a 4 pixel #ED9D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED9D2D; -webkit-box-shadow:4px 4px  
4px 4px #ED9D2D; box-shadow:4px 4px 4px  
4px #ED9D2D }
```

# Background

The CSS property to change the background color of an element to Hex ED9D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED9D2D }
```

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

```
.background{ background-color:#ED9D2D }
```

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