

# Converting Colors

Hex(ED9C4A)

Have a look what the booklet for  
Hex(ED9C4A) contains.

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# **Color**

**Hex(ED9C4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED9C4A
RGB	237, 156, 74
RGB Percent	93%, 61%, 29%
CMY	0.0706, 0.3882, 0.7098
CMYK	0.00, 0.34, 0.69, 0.07
HSL	30°, 82%, 61%
HSV	30°, 69%, 93%
XYZ	48.0495, 42.2759, 12.1061
YIQ	170.8710, 74.5980, -8.3300

# Conversions

## Conversions Part 2

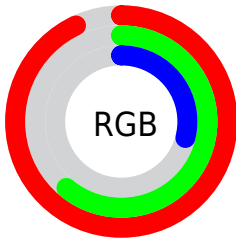
Format	Color
<a href="#">RYB</a>	<a href="#">235, 237, 74</a>
Decimal	<a href="#">15572042</a>
CIELab	<a href="#">71.06, 23.05, 53.93</a>
CIELCh	<a href="#">71, 58.652, 66.861</a>
Yxy	<a href="#">42.2759, 0.4691, 0.4127</a>
Android (android.graphics.Color)	<a href="#">4293762122 (0xFFED9C4A)</a>
YUV	<a href="#">170.8710, -47.7574, 57.9951</a>
Hunter-Lab	<a href="#">65.0199, 18.1263, 34.4746</a>

# Details

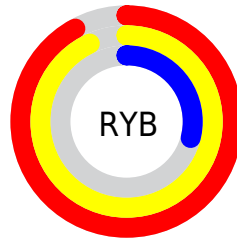
The Hex color **ED9C4A** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **4A9BED**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFD37E**, and **B06814** is the 20% darker color. If you saturate the color by 10%, you get **ED9032**, and if you desaturate by 10%, it is **EDA862**.

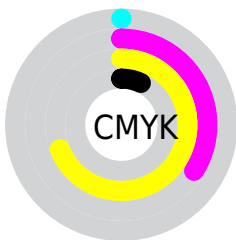
# Distribution



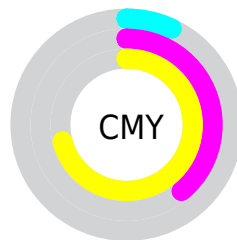
- Red (93%)
- Green (61%)
- Blue (29%)



- Red (92%)
- Yellow (93%)
- Blue (29%)



- Cyan (0%)
- Magenta (34%)
- Yellow (69%)
- Black (7%)



- Cyan (7%)
- Magenta (39%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED9C4A 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 ED9C4A by changing the saturation by 10% instead.



 ED9C4A

 ED9C4A

FFFFFF

 CE8230

 FFD37E

 B06814

 FFEF99

 935000

 FFFFB4

 763900

 FFFF00

 592200

 FFFFED

 3E0C00

 270000

 000000

 ED9C4A

 ED9C4A

 ED9032

 EDA862

 ED841B

 EDB479

 ED7903

 EDBF91

 ED7700

 EDCBA9

 EDD7C0

 EDE3D8

 EDEEF0

 EDFAFF

 EDFFFF

# Harmonies

## Analogous

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



FF8871



ED9C4A



C0AF3D

# Triad

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



ED9C4A



00C8B9



C19BFF

# Complementary

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



ED9C4A



4A9BED

# 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.



5EB0FF



ED9C4A



00C7ED

# Square

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



ED9C4A



2FC582



00BFFF



F986D9

# Rectangle

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



ED9C4A



9CB949



00BFFF



A7A2FF



# Sweetspot

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



ED9C4A



FFE4C9



ED4A9B



807060



000000



808080



# Same Dimension

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



ED9C4A



FF962B



EDED4A



756F6A



B55B00



361B00



# Inverse Universe

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



4A9BED



2B95FF



4A4AED



6A6F75



005AB5



001B36



# Previews

## White Background



This preview shows how the Hex color ED9C4A looks on a white background.

## Color Contrast Check

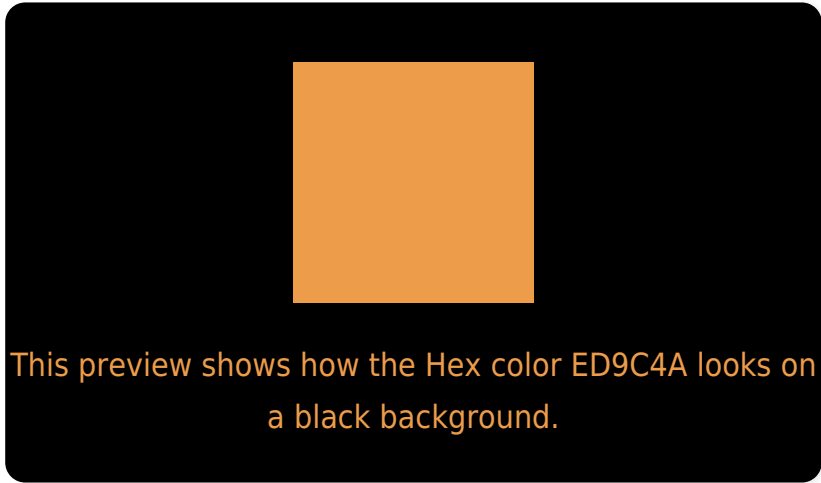
Large Text (above 18pt) WCAG AA × Fail

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 ED9C4A Background



This preview shows how black text looks on a background with the Hex color ED9C4A.



This preview shows how white text looks on a background with the Hex color ED9C4A.

# 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**  
ED9C4A

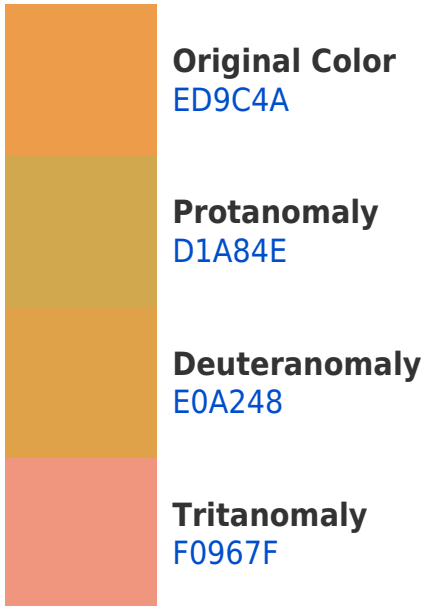
**Protanopia**  
C1AF50

**Deuteranopia**  
D9A647

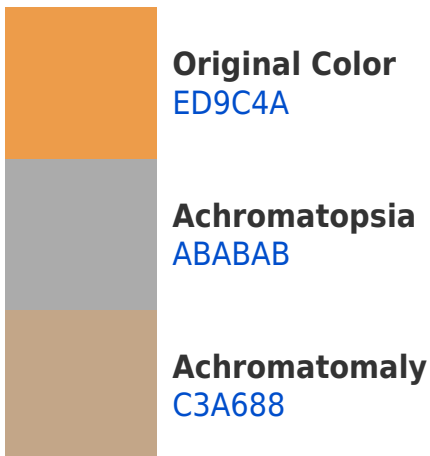


**Tritanopia**  
F2939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED9C4A 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 #ED9C4A looks like.

```
.text, #text, p{  
    color:#ED9C4A  
}
```

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 #ED9C4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED9C4A
}
```

## Border

The CSS property to change the border of an element to Hex ED9C4A 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
#ED9C4A }
```

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

```
.border{ border-color:#ED9C4A }
```

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

Here you see how a box with a 4 pixel #ED9C4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED9C4A; -webkit-box-shadow:4px 4px  
4px 4px #ED9C4A; box-shadow:4px 4px 4px  
4px #ED9C4A }
```

# Background

The CSS property to change the background color of an element to Hex ED9C4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED9C4A }
```

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

```
.background{ background-color:#ED9C4A }
```

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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