

# Converting Colors

Hex(EA9735)

Have a look what the booklet for  
Hex(EA9735) contains.

|  |    |
|--|----|
| <b>Hex(EA9735)</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(EA9735)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | EA9735                      |
| RGB         | 234, 151, 53                |
| RGB Percent | 92%, 59%, 21%               |
| CMY         | 0.0824, 0.4078, 0.7922      |
| CMYK        | 0.00, 0.35, 0.77, 0.08      |
| HSL         | 32°, 81%, 56%               |
| HSV         | 32°, 77%, 92%               |
| XYZ         | 45.6409, 39.8827, 8.6608    |
| YIQ         | 164.6450, 80.9260, -12.8820 |

# Conversions

## Conversions Part 2

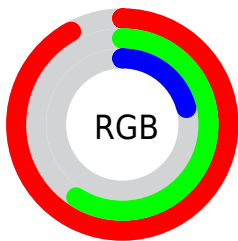
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 206, 234, 53                   |
| Decimal                             | 15374133                       |
| CIE Lab                             | 69.39, 23.50, 61.20            |
| CIE LCh                             | 69, 65.560, 68.998             |
| Yxy                                 | 39.8827, 0.4846,<br>0.4235     |
| Android<br>(android.graphics.Color) | 4293564213<br>(0xFFEA9735)     |
| YUV                                 | 164.6450, -55.0410,<br>60.8243 |
| Hunter-Lab                          | 63.1527, 18.4858,<br>36.0759   |

# Details

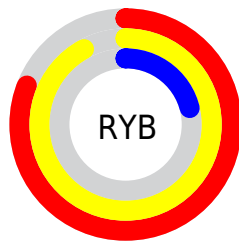
The Hex color **EA9735** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3588EA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCD6A**, and **AD6400** is the 20% darker color. If you saturate the color by 10%, you get **EA8C1E**, and if you desaturate by 10%, it is **EAA24C**.

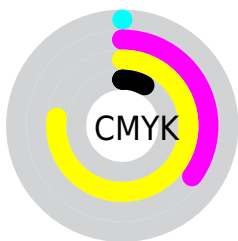
# Distribution



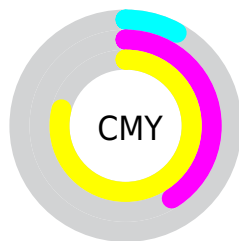
- Red (92%)
- Green (59%)
- Blue (21%)



- Red (81%)
- Yellow (92%)
- Blue (21%)



- Cyan (0%)
- Magenta (35%)
- Yellow (77%)
- Black (8%)



- Cyan (8%)
- Magenta (41%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA9735 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 EA9735 by changing the saturation by 10% instead.



 EA9735

 EA9735

FFFFFF

 CB7D17

 FFCD6A

 AD6400

 FFEA85

 8F4C00

 FFFFA0

 723400

 FFFFBC

 551E00

 FFFFD9

 3A0800

 FFFFF6

 230001

 000000

 EA9735

 EA9735

EA8C1E

EAA24C

EA8206

EAAC64

EA7F00

EAB77B

EAC293

EACDAA

EAD7C1

EAE2D9

EAEDF0

EAF8FF

# Harmonies

## Analogous

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



FF7F62



EA9735



B8AC25

# Triad

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



EA9735



00C6BA



C392FF

# Complementary

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



EA9735



3588EA

# 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.



4DAAFF



EA9735



00C4F3

# Square

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



EA9735



00C37D



00BBFF



FF7AD5

# Rectangle

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



EA9735



8FB738



00BBFF



A69BFF



# Sweetspot

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



EA9735



FFE4C4



EA3589



806F5C



000000



808080



# Same Dimension

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



EA9735



FF9212



E4EA35



75706A



B56200



361D00



# Inverse Universe

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



3588EA



127FFF



3B35EA



6A6F75



0053B5



001936



# Previews

## White Background



This preview shows how the Hex color EA9735 looks on a white background.

## Color Contrast Check

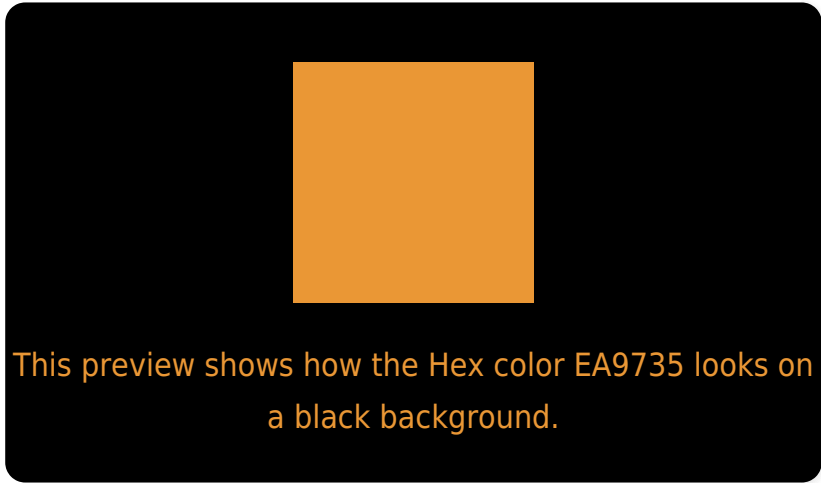
Large Text (above 18pt) WCAG AA × Fail

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 EA9735 Background



This preview shows how black text looks on a background with the Hex color EA9735.

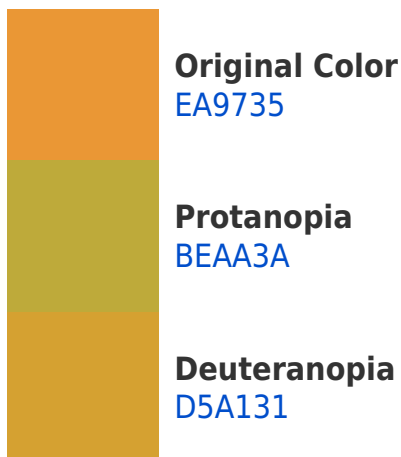


This preview shows how white text looks on a background with the Hex color EA9735.

# 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](#).

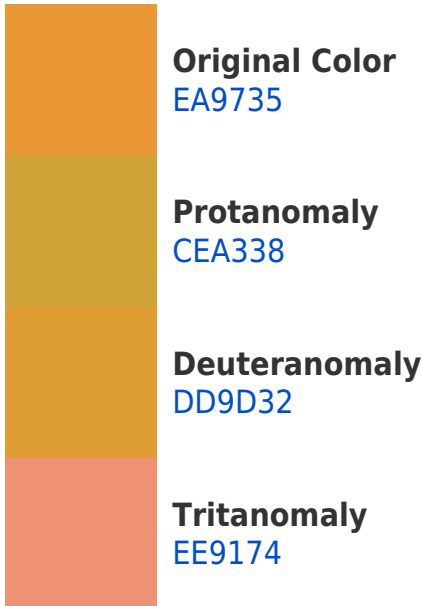
## Dichromacy



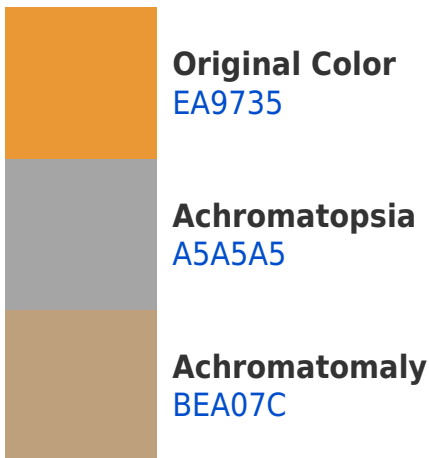


**Tritanopia**  
F08D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA9735 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 #EA9735 looks like.

```
.text, #text, p{  
    color:#EA9735  
}
```

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 #EA9735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA9735
}
```

## Border

The CSS property to change the border of an element to Hex EA9735 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
#EA9735 }
```

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

```
.border{ border-color:#EA9735 }
```

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

Here you see how a box with a 4 pixel #EA9735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA9735; -webkit-box-shadow:4px 4px  
4px 4px #EA9735; box-shadow:4px 4px 4px  
4px #EA9735 }
```

# Background

The CSS property to change the background color of an element to Hex EA9735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA9735 }
```

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

```
.background{ background-color:#EA9735 }
```

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