

# Converting Colors

Hex(EA9D33)

Have a look what the booklet for  
Hex(EA9D33) contains.

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# **Color**

**Hex(EA9D33)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA9D33
RGB	234, 157, 51
RGB Percent	92%, 62%, 20%
CMY	0.0824, 0.3843, 0.8000
CMYK	0.00, 0.33, 0.78, 0.08
HSL	35°, 81%, 56%
HSV	35°, 78%, 92%
XYZ	46.5862, 41.8454, 8.7536
YIQ	167.9390, 79.9180, -16.6420

# Conversions

## Conversions Part 2

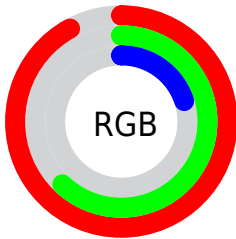
Format	Color
<a href="#">RYB</a>	<a href="#">184, 234, 51</a>
Decimal	<a href="#">15375667</a>
CIELab	<a href="#">70.76, 20.24, 63.27</a>
CIELCh	<a href="#">71, 66.433, 72.262</a>
Yxy	<a href="#">41.8454, 0.4794, 0.4306</a>
Android (android.graphics.Color)	<a href="#">4293565747</a> ( <a href="#">0xFFEA9D33</a> )
YUV	<a href="#">167.9390, -57.6509, 57.9355</a>
Hunter-Lab	<a href="#">64.6880, 15.3459, 37.2585</a>

# Details

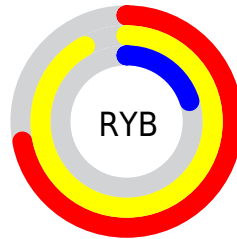
The Hex color **EA9D33** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **3380EA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFD469**, and **AD6A00** is the 20% darker color. If you saturate the color by 10%, you get **EA931C**, and if you desaturate by 10%, it is **EAA74A**.

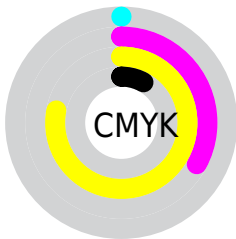
# Distribution



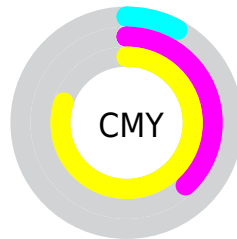
- Red (92%)
- Green (62%)
- Blue (20%)



- Red (72%)
- Yellow (92%)
- Blue (20%)



- Cyan (0%)
- Magenta (33%)
- Yellow (78%)
- Black (8%)



- Cyan (8%)
- Magenta (38%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA9D33 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 EA9D33 by changing the saturation by 10% instead.



 EA9D33

 EA9D33

FFFFFF

 CB8313

 FFD469

 AD6A00

 FFF084

 8F5100

 FFFFA0

 723A00

 FFFFBC

 552400

 FFFFD8

 3A0F00

 FFFFF5

 240000

 000000

 EA9D33

 EA9D33

EA931C

EAA74A

EA8904

EAB162

EA8800

EABB79

EAC491

EACEA8

EAD8BF

EAE2D7

EAECEE

EAF6FF

# Harmonies

## Analogous

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



FF855E



EA9D33



B5B229

# Triad

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



EA9D33



00CAC5



D092FF

# Complementary

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



EA9D33



3380EA

# 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.



64ACFF



EA9D33



00C7FD

# Square

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



EA9D33



00C886



00BEFF



FF7BD3

# Rectangle

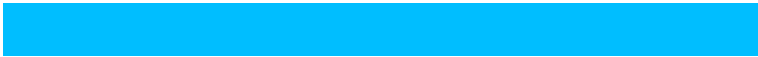
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EA9D33



8BBC3E



00BEFF



B49BFF



# Sweetspot

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



EA9D33



FFE6C4



EA3382



80705C



000000



808080



# Same Dimension

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



EA9D33



FF9A0F



DEEA33



75706A



B56900



361F00



# Inverse Universe

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



3380EA



0F74FF



3F33EA



6A6F75



004CB5



001736



# Previews

## White Background



This preview shows how the Hex color EA9D33 looks on a white background.

## Color Contrast Check

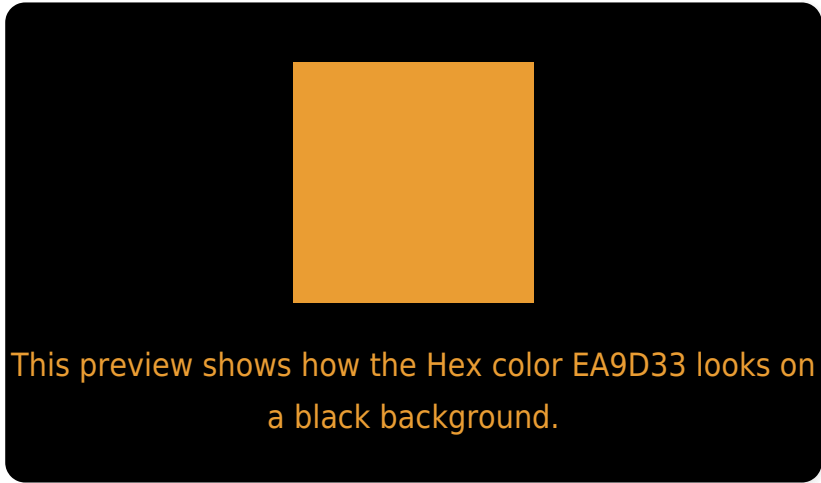
Large Text (above 18pt) WCAG AA × Fail

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 EA9D33 Background



This preview shows how black text looks on a background with the Hex color EA9D33.



This preview shows how white text looks on a background with the Hex color EA9D33.

# 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**  
EA9D33

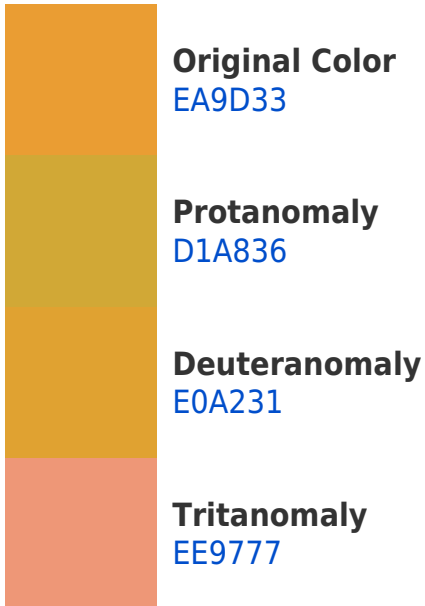
**Protanopia**  
C2AE37

**Deuteranopia**  
DAA530



**Tritanopia**  
F0939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA9D33 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 #EA9D33 looks like.

```
.text, #text, p{  
    color:#EA9D33  
}
```

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 #EA9D33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA9D33
}
```

## Border

The CSS property to change the border of an element to Hex EA9D33 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
#EA9D33 }
```

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

```
.border{ border-color:#EA9D33 }
```

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

Here you see how a box with a 4 pixel #EA9D33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA9D33; -webkit-box-shadow:4px 4px  
4px 4px #EA9D33; box-shadow:4px 4px 4px  
4px #EA9D33 }
```

# Background

The CSS property to change the background color of an element to Hex EA9D33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA9D33 }
```

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

```
.background{ background-color:#EA9D33 }
```

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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