

# Converting Colors

Hex(EA9400)

Have a look what the booklet for  
Hex(EA9400) contains.

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**Color**

**Hex(EA9400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA9400
RGB	234, 148, 0
RGB Percent	92%, 58%, 0%
CMY	0.0824, 0.4196, 1.0000
CMYK	0.00, 0.37, 1.00, 0.08
HSL	38°, 100%, 46%
HSV	38°, 100%, 92%
XYZ	44.5216, 38.6722, 5.1179
YIQ	156.8420, 98.7640, -27.7960

# Conversions

## Conversions Part 2

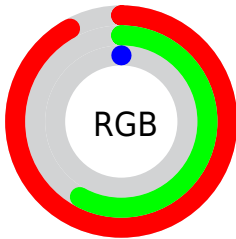
Format	Color
<a href="#">RYB</a>	<a href="#">136, 234, 0</a>
Decimal	<a href="#">15373312</a>
CIELab	<a href="#">68.51, 24.03, 73.53</a>
CIELCh	<a href="#">69, 77.361, 71.902</a>
Yxy	<a href="#">38.6722, 0.5041, 0.4379</a>
Android (android.graphics.Color)	<a href="#">4293563392</a> (0xFFEA9400)
YUV	<a href="#">156.8420, -77.3231, 67.6676</a>
Hunter-Lab	<a href="#">62.1870, 18.9664, 38.6514</a>

# Details

The Hex color **EA9400** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **0056EA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFCA4B**, and **AC6100** is the 20% darker color. If you saturate the color by 10%, you get **EA9400**, and if you desaturate by 10%, it is **EA9D17**.

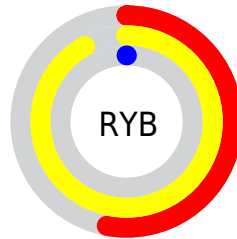
# Distribution



Red (92%)

Green (58%)

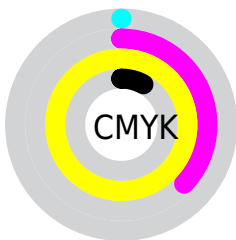
Blue (0%)



Red (53%)

Yellow (92%)

Blue (0%)

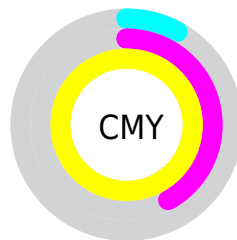


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (42%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA9400 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 EA9400 by changing the saturation by 10% instead.



 EA9400

 EA9400

FFFFFF

 CB7A00

 FFCA4B

 AC6100

 FFE667

 8E4900

 FFFF83

 703200

 FFFF9F

 531C00

 FFFFBB

 380500

 FFFFD8

 1F0001

 FFFFF6

 000000

 EA9400

 EA9D17

 EAA52F

 EAAE46

 EAB65E

 EABF75

 EAC88C

 EAD0A4

 EAD9BB

 EAE1D3

# Harmonies

## Analogous

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



FF754C



EA9400



AEAD00

# Triad

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



EA9400



00C7C2



CD87FF

# Complementary

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



EA9400



0056EA

# 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.



2AA6FF



EA9400



00C5FF

# Square

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



EA9400



00C479



00BBFF



FF67D4

# Rectangle

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



EA9400



7DB818



00BBFF



AA92FF



# Sweetspot

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



EA9400



FFE3B3



EA005A



806F52



000000



808080



# Same Dimension

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



EA9400



FFA100



CFEA00



75716A



B57300



362200



# Inverse Universe

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



0056EA



005EFF



1B00EA



6A6E75



0043B5



001436



# Previews

## White Background



This preview shows how the Hex color EA9400 looks on a white background.

## Color Contrast Check

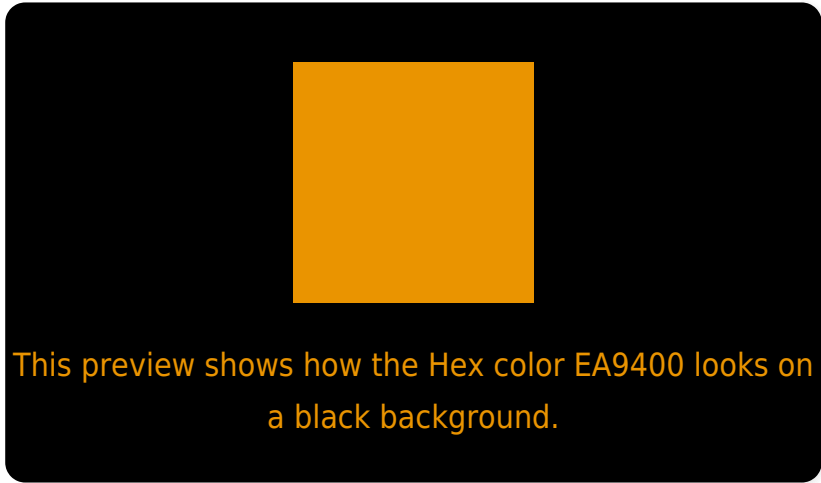
Large Text (above 18pt) WCAG AA × Fail

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 EA9400 Background



This preview shows how black text looks on a background with the Hex color EA9400.

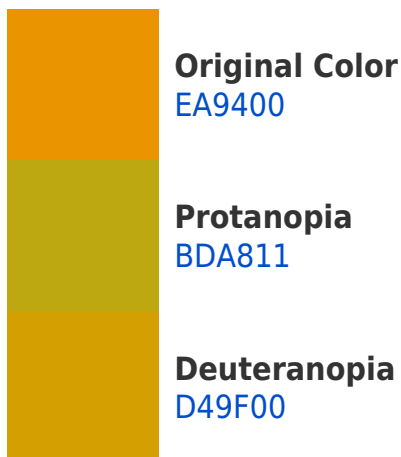


This preview shows how white text looks on a background with the Hex color EA9400.

# 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](#).

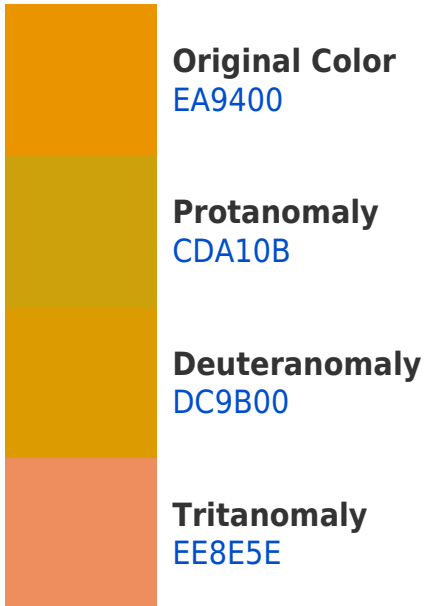
## Dichromacy



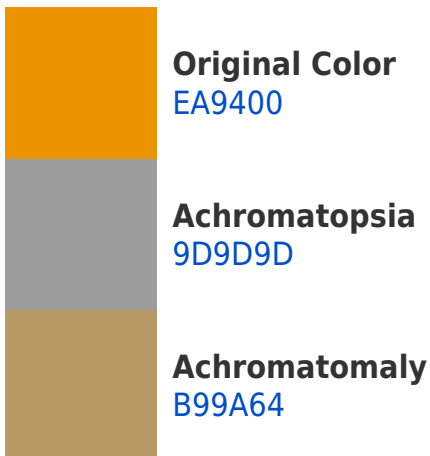


**Tritanopia**  
F08A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA9400 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 #EA9400 looks like.

```
.text, #text, p{  
    color:#EA9400  
}
```

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 #EA9400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA9400
}
```

## Border

The CSS property to change the border of an element to Hex EA9400 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
#EA9400 }
```

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

```
.border{ border-color:#EA9400 }
```

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

Here you see how a box with a 4 pixel #EA9400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA9400; -webkit-box-shadow:4px 4px  
4px 4px #EA9400; box-shadow:4px 4px 4px  
4px #EA9400 }
```

# Background

The CSS property to change the background color of an element to Hex EA9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA9400 }
```

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

```
.background{ background-color:#EA9400 }
```

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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