

# Converting Colors

Hex(ED9314)

Have a look what the booklet for  
Hex(ED9314) contains.

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**Color**

**Hex(ED9314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ED9314
RGB	237, 147, 20
RGB Percent	93%, 58%, 8%
CMY	0.0706, 0.4235, 0.9216
CMYK	0.00, 0.38, 0.92, 0.07
HSL	35°, 86%, 50%
HSV	35°, 92%, 93%
XYZ	45.4850, 38.9225, 5.7773
YIQ	159.4320, 94.4070, -20.4170

# Conversions

## Conversions Part 2

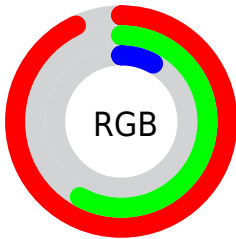
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 237, 20
Decimal	15569684
CIELab	68.70, 26.03, 70.87
CIELCh	69, 75.500, 69.834
Yxy	38.9225, 0.5044, 0.4316
Android (android.graphics.Color)	4293759764 (0xFFED9314)
YUV	159.4320, -68.7400, 68.0271
Hunter-Lab	62.3879, 20.9600, 38.1811

# Details

The Hex color **ED9314** 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 **146EED**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFC953**, and **AF6000** is the 20% darker color. If you saturate the color by 10%, you get **ED8B00**, and if you desaturate by 10%, it is **ED9D2C**.

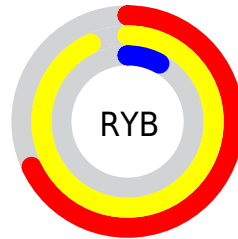
# Distribution



Red (93%)

Green (58%)

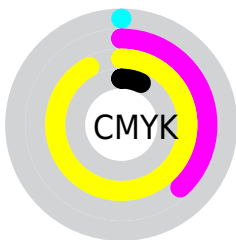
Blue (8%)



Red (68%)

Yellow (93%)

Blue (8%)

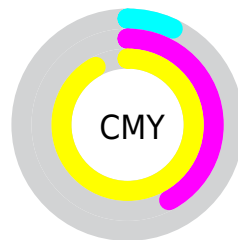


Cyan (0%)

Magenta (38%)

Yellow (92%)

Black (7%)



Cyan (7%)

Magenta (42%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED9314 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 ED9314 by changing the saturation by 10% instead.



 ED9314

 ED9314

FFFFFF

 CE7900

 FFC953

 AF6000

 FFE56E

 904800

 FFFF8A

 723100

 FFFFA6

 561A00

 FFFFC2

 3A0300

 FFFFDF

 220001

 FFFFFC

 000000

 ED9314

 ED9314

ED8B00

ED9D2C

EDA743

EDB05B

EDBA73

EDC48A

EDCEA2

EDD8BA

EDE2D2

EDEBE9

# Harmonies

## Analogous

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



FF7553



ED9314



B3AC00

# Triad

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



ED9314



00C7BD



C68BFF

# Complementary

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



ED9314



146EED

# 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.



11A8FF



ED9314



00C5FE

# Square

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



ED9314



00C476



00BCFF



FF6CD8

# Rectangle

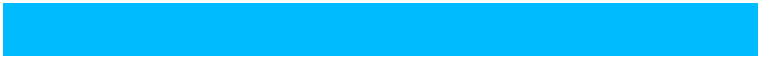
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



ED9314



84B71A



00BCFF



A395FF



# Sweetspot

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



ED9314



FFE2BA



ED146E



806F57



000000



808080



# Same Dimension

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



ED9314



FF9500



DBED14



75706A



B56A00



361F00



# Inverse Universe

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



146EED



006AFF



2614ED



6A6E75



004BB5



001636



# Previews

## White Background



This preview shows how the Hex color ED9314 looks on a white background.

## Color Contrast Check

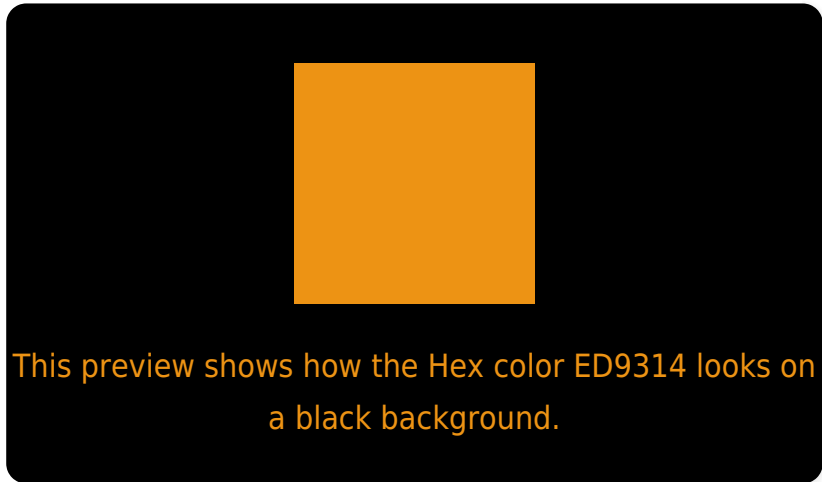
Large Text (above 18pt) WCAG AA × Fail

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 ED9314 Background



This preview shows how black text looks on a background with the Hex color ED9314.



This preview shows how white text looks on a background with the Hex color ED9314.

# 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**  
ED9314

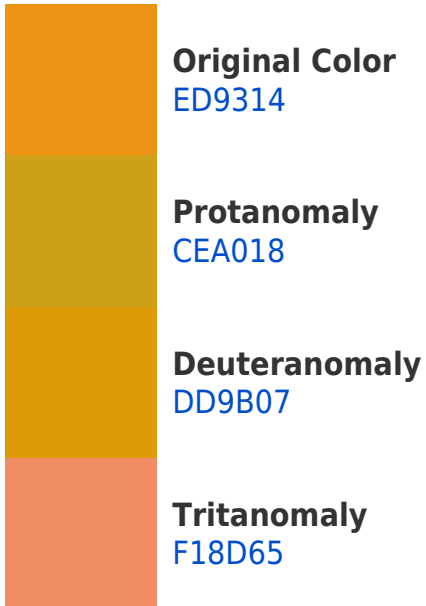
**Protanopia**  
BDA81B

**Deuteranopia**  
D49F00



**Tritanopia**  
F38993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED9314 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 #ED9314 looks like.

```
.text, #text, p{  
    color:#ED9314  
}
```

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 #ED9314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED9314
}
```

## Border

The CSS property to change the border of an element to Hex ED9314 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
#ED9314 }
```

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

```
.border{ border-color:#ED9314 }
```

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

Here you see how a box with a 4 pixel #ED9314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED9314; -webkit-box-shadow:4px 4px  
4px 4px #ED9314; box-shadow:4px 4px 4px  
4px #ED9314 }
```

# Background

The CSS property to change the background color of an element to Hex ED9314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED9314 }
```

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

```
.background{ background-color:#ED9314 }
```

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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