

# Converting Colors

Hex(0EA92E)

Have a look what the booklet for  
Hex(0EA92E) contains.

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# Color

Hex(0EA92E)

# Conversions

## Conversions Part 1

Format	Color
Hex	0EA92E
RGB	14, 169, 46
RGB Percent	5%, 66%, 18%
CMY	0.9451, 0.3373, 0.8196
CMYK	0.92, 0.00, 0.73, 0.34
HSL	132°, 85%, 36%
HSV	132°, 92%, 66%
XYZ	14.8622, 28.6666, 7.3346
YIQ	108.6330, -52.8970, -71.1130

# Conversions

## Conversions Part 2

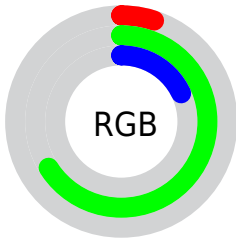
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 142, 169
Decimal	960814
CIELab	60.49, -60.31, 50.50
CIELCh	60, 78.658, 140.062
Yxy	28.6666, 0.2922, 0.5636
Android (android.graphics.Color)	4279150894 (0xFF0EA92E)
YUV	108.6330, -30.8781, -82.9931
Hunter-Lab	53.5412, -44.1481, 29.3566

# Details

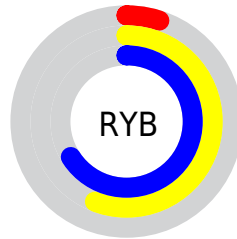
The Hex color **0EA92E** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A90E89**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **60E263**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **00A923**, and if you desaturate by 10%, it is **1FA93B**.

# Distribution



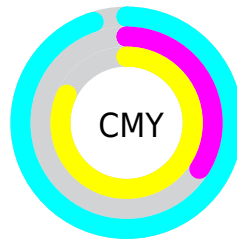
- Red (5%)
- Green (66%)
- Blue (18%)



- Red (5%)
- Yellow (56%)
- Blue (66%)



- Cyan (92%)
- Magenta (0%)
- Yellow (73%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EA92E 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 0EA92E by changing the saturation by 10% instead.



 0EA92E

 0EA92E

FFFFFF

 008E0E

 60E263

 007300

 7FFF7E

 005900

 9DFF99

 004000

 BBFFB5

 002900

 D9FFD1

 000300

 F7FFEE

 000000

 0EA92E

 0EA92E

 00A923

 1FA93B

 30A949

 41A956

 52A964

 63A971

 73A97E

 84A98C

 95A999

 A6A9A7

# Harmonies

## Analogous

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



849C00



0EA92E



00AF78

# Triad

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



0EA92E



00A1FF



FF4567

# Complementary

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



0EA92E



A90E89

# 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.



FF44AC



0EA92E



538AFF

# Square

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



0EA92E



00ADFC



CD67EC



F26724

# Rectangle

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



0EA92E



00B1A8



CD67EC



FF3F7E



# Sweetspot

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



0EA92E



9EDBAB



8AA90E



486E50



EDEDED



6E6E6E



# Same Dimension

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



0EA92E



00DB2D



0EA97B



4C544D



00941F



001404



# Inverse Universe

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



A90E89



DB00AE



A90E3D



544C52



940075

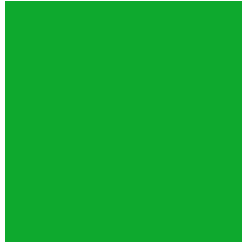


140010



# Previews

## White Background



This preview shows how the Hex color 0EA92E looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Hex color 0EA92E looks on a 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0EA92E Background



This preview shows how black text looks on a background with the Hex color 0EA92E.



This preview shows how white text looks on a background with the Hex color 0EA92E.

# 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](#).

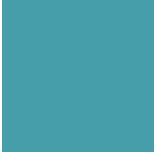
## Dichromacy



**Original Color**  
0EA92E

**Protanopia**  
A29128

**Deuteranopia**  
B48A3A



**Tritanopia**  
469EAA

# Trichromacy



**Original Color**  
0EA92E



**Protanomaly**  
6C9A2A



**Deuteranomaly**  
789536



**Tritanomaly**  
32A27D

# Monochromacy



**Original Color**  
0EA92E



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
4A8356

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EA92E 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 #0EA92E looks like.

```
.text, #text, p{  
    color:#0EA92E  
}
```

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 #0EA92E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA92E
}
```

## Border

The CSS property to change the border of an element to Hex 0EA92E 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
#0EA92E }
```

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

```
.border{ border-color:#0EA92E }
```

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

Here you see how a box with a 4 pixel #0EA92E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA92E; -webkit-box-shadow:4px 4px  
4px 4px #0EA92E; box-shadow:4px 4px 4px  
4px #0EA92E }
```

# Background

The CSS property to change the background color of an element to Hex 0EA92E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA92E }
```

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

```
.background{ background-color:#0EA92E }
```

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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