

# Converting Colors

Hex(0EA65D)

Have a look what the booklet for  
Hex(0EA65D) contains.

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# Color

**Hex(0EA65D)**

# Conversions

Conversions Part 1	
Format	Color
Hex	0EA65D
RGB	14, 166, 93
RGB Percent	5%, 65%, 36%
CMY	0.9451, 0.3490, 0.6353
CMYK	0.92, 0.00, 0.44, 0.35
HSL	151°, 84%, 35%
HSV	151°, 92%, 65%
XYZ	15.7931, 28.1561, 14.9582
YIQ	112.2300, -67.1590, -54.9270

# Conversions

## Conversions Part 2

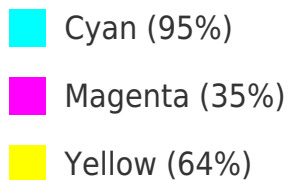
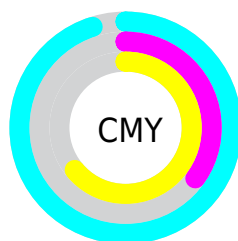
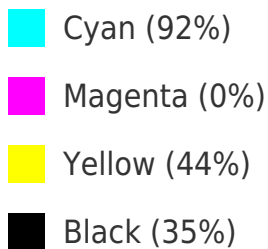
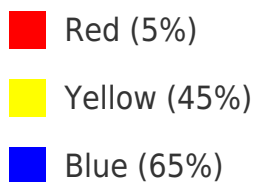
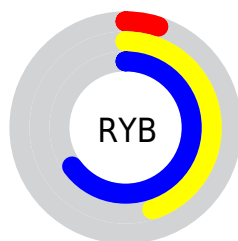
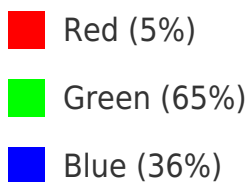
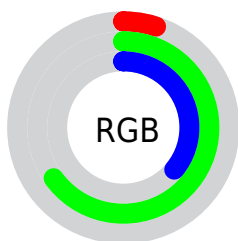
Format	Color
<a href="#">RYB</a>	<a href="#">14, 114, 166</a>
Decimal	<a href="#">960093</a>
CIELab	<a href="#">60.03, -52.83, 27.89</a>
CIELCh	<a href="#">60, 59.740, 152.172</a>
Yxy	<a href="#">28.1561, 0.2681, 0.4780</a>
Android (android.graphics.Color)	<a href="#">4279150173</a> (0xFF0EA65D)
YUV	<a href="#">112.2300, -9.4804, -86.1477</a>
Hunter-Lab	<a href="#">53.0623, -39.7316, 20.4298</a>

# Details

The Hex color **0EA65D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A60E57**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5EDE90**, and **00712D** is the 20% darker color. If you saturate the color by 10%, you get **00A656**, and if you desaturate by 10%, it is **1FA665**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 0EA65D 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 0EA65D by changing the saturation by 10% instead.



 0EA65D

 0EA65D

FFFFFF

 008B45

 5EDE90

 00712D

 7CFBAB

 005716

 99FFC6

 003E00

 B7FFE3

 002800

 D5FFFF

 000000

 F3FFFF

 0EA65D

 0EA65D

 00A656

 1FA665

 2FA66D

 40A675

 50A67D

 61A685

 72A68D

 82A695

 93A69D

 A3A6A5

# Harmonies

## Analogous

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



739E2F



0EA65D



00AA93

# Triad

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



0EA65D



0095FA



EB675C

# Complementary

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



0EA65D



A60E57

# 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.



EE5E8F



0EA65D



9681EA

# Square

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



0EA65D



00A3ED



D36AC3



D27B31

# Rectangle

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



0EA65D



00AAB7



D36AC3



EF626C



# Sweetspot

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



0EA65D



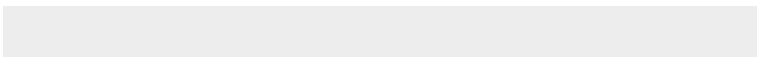
9ED9BD



57A60E



4B6E5D



EDEDED



6E6E6E



# Same Dimension

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



0EA65D



00D971



0EA3A6



4C5450



00944D



00140B



# Inverse Universe

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



A60E57



D90068



A6110E



544C50



940047



14000A



# Previews

## White Background



This preview shows how the Hex color 0EA65D looks on a white background.

## Color Contrast Check

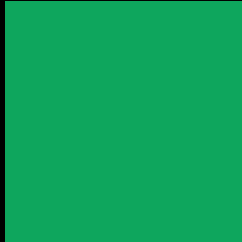
Large Text (above 18pt) WCAG AA ✓ Pass

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 0EA65D 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 0EA65D Background



This preview shows how black text looks on a background with the Hex color 0EA65D.



This preview shows how white text looks on a background with the Hex color 0EA65D.

# 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**  
0EA65D

**Protanopia**  
9D9055

**Deuteranopia**  
AB8964



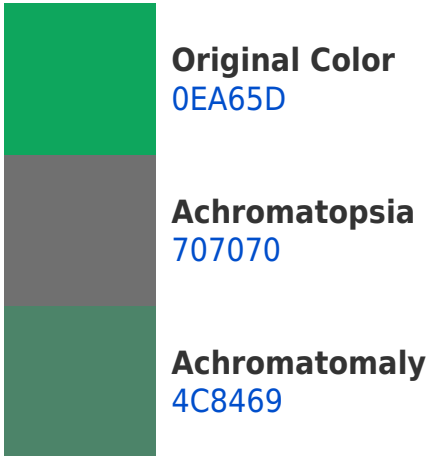
# Tritanopia

## 3F9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EA65D 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 #0EA65D looks like.

```
.text, #text, p{  
    color:#0EA65D  
}
```

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 #0EA65D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA65D
}
```

## Border

The CSS property to change the border of an element to Hex 0EA65D 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
#0EA65D }
```

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

```
.border{ border-color:#0EA65D }
```

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

Here you see how a box with a 4 pixel #0EA65D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA65D; -webkit-box-shadow:4px 4px  
4px 4px #0EA65D; box-shadow:4px 4px 4px  
4px #0EA65D }
```

# Background

The CSS property to change the background color of an element to Hex 0EA65D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA65D }
```

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

```
.background{ background-color:#0EA65D }
```

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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