

# Converting Colors

Hex(0EA177)

Have a look what the booklet for  
Hex(0EA177) contains.

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# Color

**Hex(0EA177)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EA177
RGB	14, 161, 119
RGB Percent	5%, 63%, 47%
CMY	0.9451, 0.3686, 0.5333
CMYK	0.91, 0.00, 0.26, 0.37
HSL	163°, 84%, 34%
HSV	163°, 91%, 63%
XYZ	16.2557, 26.9150, 21.7911
YIQ	112.2590, -74.1300, -44.2260

# Conversions

## Conversions Part 2

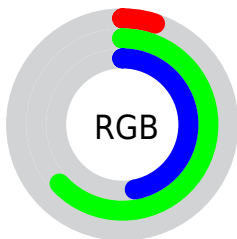
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 100, 161
Decimal	958839
CIELab	58.90, -45.29, 12.14
CIELCh	59, 46.885, 164.989
Yxy	26.9150, 0.2502, 0.4143
Android (android.graphics.Color)	4279148919 (0xFF0EA177)
YUV	112.2590, 3.3233, -86.1731
Hunter-Lab	51.8797, -34.8590, 11.4121

# Details

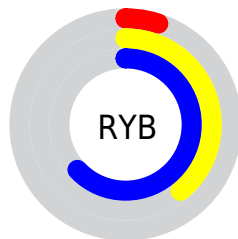
The Hex color **0EA177** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A10E38**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5DD9AB**, and **006C47** is the 20% darker color. If you saturate the color by 10%, you get **00A173**, and if you desaturate by 10%, it is **1EA17C**.

# Distribution



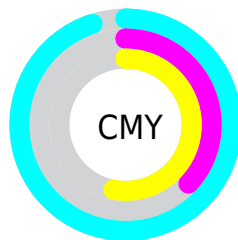
- Red (5%)
- Green (63%)
- Blue (47%)



- Red (5%)
- Yellow (39%)
- Blue (63%)



- Cyan (91%)
- Magenta (0%)
- Yellow (26%)
- Black (37%)



- Cyan (95%)
- Magenta (37%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EA177 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 0EA177 by changing the saturation by 10% instead.



 0EA177

 0EA177

FFFFFF

 00865E

 5DD9AB

 006C47

 7BF6C7

 005330

 98FFE3

 003B1B

 B6FFFF

 002501

 D3FFFF

 000000

 F1FFFF

 0EA177

 0EA177

 00A173

 1EA17C

 2EA180

 3EA185

 4EA189

 5FA18E

 6FA193

 7FA197

 8FA19C

 9FA1A0

# Harmonies

## Analogous

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



639C51



0EA177



00A2A2

# Triad

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



0EA177



6D8BDD



D17555

# Complementary

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



0EA177



A10E38

# 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.



DB6B7B



0EA177



AB7BC8

# Square

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



0EA177



0098DD



CF6DA4



B7843C

# Rectangle

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



0EA177



00A1BC



CF6DA4



D67161



# Sweetspot

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



0EA177



99D1C1



3AA10E



47695F



E8E8E8



696969



# Same Dimension

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



0EA177



00D195



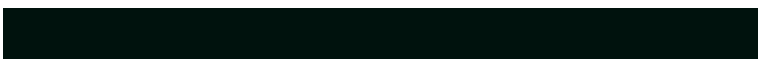
0E84A1



49524F



009168



00120D



# Inverse Universe

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



A10E38



D1003C



A12B0E



52494C



91002A



120005



# Previews

## White Background



This preview shows how the Hex color 0EA177 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



## 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 0EA177 Background



This preview shows how black text looks on a background with the Hex color 0EA177.

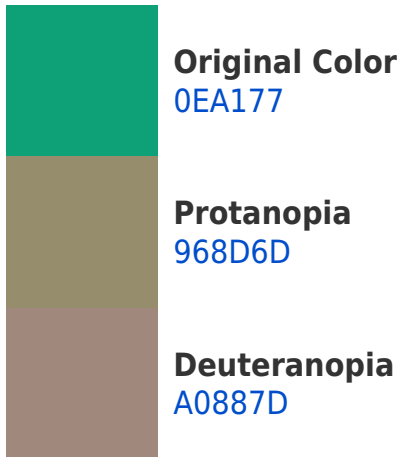


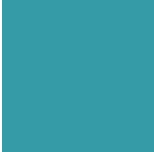
This preview shows how white text looks on a background with the Hex color 0EA177.

# 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**  
359BA7

# Trichromacy



**Original Color**  
0EA177



**Protanomaly**  
659471



**Deuteranomaly**  
6B917B



**Tritanomaly**  
279D96

# Monochromacy



**Original Color**  
0EA177



**Achromatopsia**  
707070



**Achromatomaly**  
4C8273

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EA177 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 #0EA177 looks like.

```
.text, #text, p{  
    color:#0EA177  
}
```

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 #0EA177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA177
}
```

## Border

The CSS property to change the border of an element to Hex 0EA177 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
#0EA177 }
```

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

```
.border{ border-color:#0EA177 }
```

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

Here you see how a box with a 4 pixel #0EA177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA177; -webkit-box-shadow:4px 4px  
4px 4px #0EA177; box-shadow:4px 4px 4px  
4px #0EA177 }
```

# Background

The CSS property to change the background color of an element to Hex 0EA177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA177 }
```

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

```
.background{ background-color:#0EA177 }
```

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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