

# Converting Colors

Hex(0EDF7F)

Have a look what the booklet for  
Hex(0EDF7F) contains.

<b>Hex(0EDF7F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(0EDF7F)

# Conversions

## Conversions Part 1

Format	Color
Hex	0EDF7F
RGB	14, 223, 127
RGB Percent	5%, 87%, 50%
CMY	0.9451, 0.1255, 0.5020
CMYK	0.94, 0.00, 0.43, 0.13
HSL	152°, 88%, 46%
HSV	152°, 94%, 87%
XYZ	30.3995, 54.4010, 28.9769
YIQ	149.5650, -93.7480, -74.1640

# Conversions

## Conversions Part 2

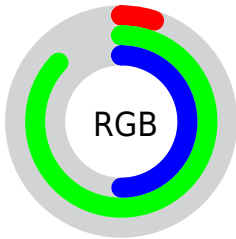
Format	Color
<a href="#">RYB</a>	<a href="#">14, 150, 223</a>
Decimal	<a href="#">974719</a>
CIELab	<a href="#">78.69, -66.23, 34.62</a>
CIELCh	<a href="#">79, 74.734, 152.402</a>
Yxy	<a href="#">54.4010, 0.2672, 0.4781</a>
Android (android.graphics.Color)	<a href="#">4279164799</a> <a href="#">(0xFF0EDF7F)</a>
YUV	<a href="#">149.5650, -11.1245, -118.8905</a>
Hunter-Lab	<a href="#">73.7570, -55.5047, 28.3367</a>

# Details

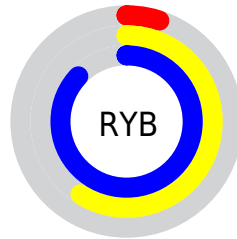
The Hex color **0EDF7F** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DF0E6E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6DFFB5**, and **00A64C** is the 20% darker color. If you saturate the color by 10%, you get **00DF79**, and if you desaturate by 10%, it is **24DF89**.

# Distribution



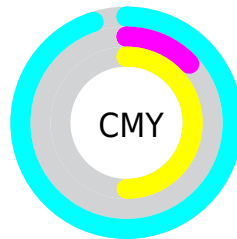
- Red (5%)
- Green (87%)
- Blue (50%)



- Red (5%)
- Yellow (59%)
- Blue (87%)



- Cyan (94%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (95%)
- Magenta (13%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EDF7F 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 0EDF7F by changing the saturation by 10% instead.





0EDF7F



0EDF7F

FFFFFF



00C265



6DFFB5



00A64C



8EFFD1



008B34



AEFFED



00701B



CDFFFF



005601



EDFFFF



003D00



002500



000000



0EDF7F



0EDF7F

 00DF79

 24DF89

 3BDF93

 51DF9E

 67DFA8

 7EDFB2

 94DFBC

 AADFC7

 C0DFD1

 D7DFDB

# Harmonies

## Analogous

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



9AD442



0EDF7F



00E4C6

# Triad

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



0EDF7F



00C9FF



FF8B7C

# Complementary

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



0EDF7F



DF0E6E

# 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.



FF80C0



0EDF7F



CBAEFF

# Square

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



0EDF7F



00DAFF



FF90FF



FFA744

# Rectangle

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



0EDF7F



00E4F6



FF90FF



FF8592

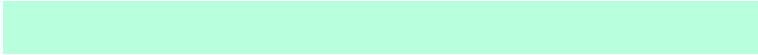


# Sweetspot

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



0EDF7F



B8FFDE



70DF0E



54806C



000000



808080



# Same Dimension

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



0EDF7F



00FF8A



0ED8DF



65706B



00B05F



00301A



# Inverse Universe

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



DF0E6E



FF0075



DF150E



70656A



B00051



300016



# Previews

## White Background



This preview shows how the Hex color 0EDF7F 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



This preview shows how the Hex color 0EDF7F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

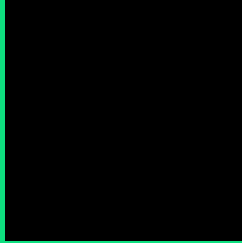
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0EDF7F Background



This preview shows how black text looks on a background with the Hex color 0EDF7F.

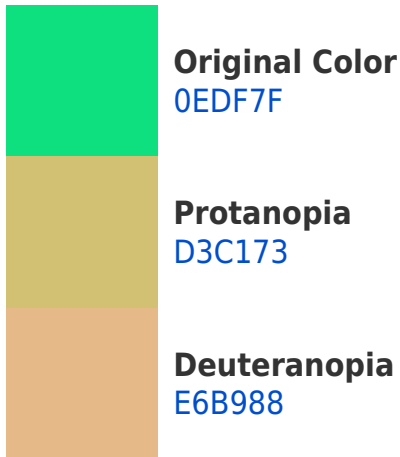


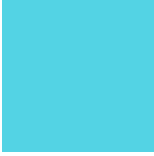
This preview shows how white text looks on a background with the Hex color 0EDF7F.

# 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**  
53D3E4

# Trichromacy



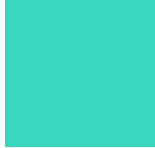
**Original Color**  
0EDF7F



**Protanomaly**  
8BCC77



**Deuteranomaly**  
97C785



**Tritanomaly**  
3AD7BF

# Monochromacy



**Original Color**  
0EDF7F



**Achromatopsia**  
969696



**Achromatomaly**  
65B18E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EDF7F 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 #0EDF7F looks like.

```
.text, #text, p{  
    color:#0EDF7F  
}
```

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 #0EDF7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EDF7F
}
```

## Border

The CSS property to change the border of an element to Hex 0EDF7F 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
#0EDF7F }
```

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

```
.border{ border-color:#0EDF7F }
```

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

Here you see how a box with a 4 pixel #0EDF7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EDF7F; -webkit-box-shadow:4px 4px  
4px 4px #0EDF7F; box-shadow:4px 4px 4px  
4px #0EDF7F }
```

# Background

The CSS property to change the background color of an element to Hex 0EDF7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EDF7F }
```

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

```
.background{ background-color:#0EDF7F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor