

# Converting Colors

Hex(0DE961)

Have a look what the booklet for  
Hex(0DE961) contains.

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**Color**

**Hex(0DE961)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 0DE961                       |
| RGB         | 13, 233, 97                  |
| RGB Percent | 5%, 91%, 38%                 |
| CMY         | 0.9490, 0.0863, 0.6196       |
| CMYK        | 0.94, 0.00, 0.58, 0.09       |
| HSL         | 143°, 89%, 48%               |
| HSV         | 143°, 94%, 91%               |
| XYZ         | 31.4626, 59.2265, 21.0829    |
| YIQ         | 151.7160, -87.4640, -88.9360 |

# Conversions

## Conversions Part 2

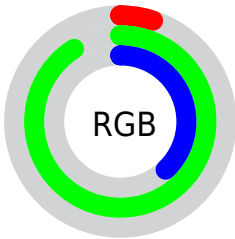
| <b>Format</b>                       | <b>Color</b>                                      |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">13, 172, 233</a>                      |
| Decimal                             | <a href="#">911713</a>                            |
| CIELab                              | <a href="#">81.42, -74.02, 52.25</a>              |
| CIElCh                              | <a href="#">81, 90.605, 144.780</a>               |
| Yxy                                 | <a href="#">59.2265, 0.2815,<br/>0.5299</a>       |
| Android<br>(android.graphics.Color) | <a href="#">4279101793<br/>(0xFF0DE961)</a>       |
| YUV                                 | <a href="#">151.7160, -26.9750,<br/>-121.6539</a> |
| Hunter-Lab                          | <a href="#">76.9587, -61.7027,<br/>37.6286</a>    |

# Details

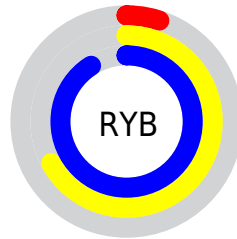
The Hex color **0DE961** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **E90D95**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **71FF97**, and **00B02B** is the 20% darker color. If you saturate the color by 10%, you get **00E959**, and if you desaturate by 10%, it is **24E96F**.

# Distribution



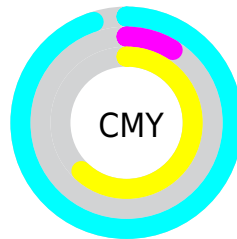
- Red (5%)
- Green (91%)
- Blue (38%)



- Red (5%)
- Yellow (67%)
- Blue (91%)



- Cyan (94%)
- Magenta (0%)
- Yellow (58%)
- Black (9%)



- Cyan (95%)
- Magenta (9%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DE961 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 0DE961 by changing the saturation by 10% instead.



 0DE961

 0DE961

FFFFFF

 00CC46

 71FF97

 00B02B

 92FFB3

 009406

 B2FFCF

 007900

 D2FFEC

 005E00

 F2FFFF

 004400

 002C00

 000A00

 000000

■ 0DE961

■ 0DE961

■ 00E959

■ 24E96F

■ 3CE97E

■ 53E98C

■ 6AE99B

■ 82E9A9

■ 99E9B7

■ B0E9C6

■ C7E9D4

■ DFE9E3

# Harmonies

## Analogous

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



ADDA00



0DE961



00F0B8

# Triad

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



0DE961



00D9FF



FF7989

# Complementary

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



0DE961



E90D95

# 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.



FF71DD



0DE961



A8BAFF

# Square

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



0DE961



00EAFF



FF91FF



FF9E3A

# Rectangle

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



0DE961



00F1F3



FF91FF



FF71A4

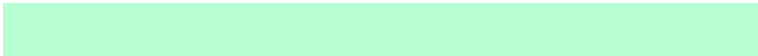


# Sweetspot

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



0DE961



B8FFD3



98E90D



548065



000000



808080



# Same Dimension

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



0DE961



00FF61



0DE9CC



6A756E



00B545



003614



# Inverse Universe

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



E90D95



FF009E



E90D2A



756A71



B50070

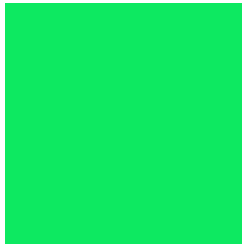


360021



# Previews

## White Background



This preview shows how the Hex color 0DE961 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 0DE961 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 0DE961 Background



This preview shows how black text looks on a background with the Hex color 0DE961.

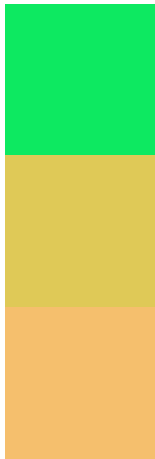


This preview shows how white text looks on a background with the Hex color 0DE961.

# 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](#).

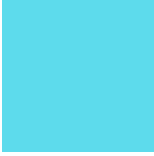
## Dichromacy



**Original Color**  
0DE961

**Protanopia**  
DFC957

**Deuteranopia**  
F5BF6D



# Trichromacy



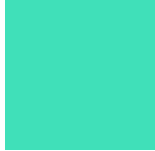
**Original Color**  
0DE961



**Protanomaly**  
93D55B



**Deuteranomaly**  
A1CE69



**Tritanomaly**  
40E0B9

# Monochromacy



**Original Color**  
0DE961



**Achromatopsia**  
989898



**Achromatomaly**  
65B584

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DE961 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 #0DE961 looks like.

```
.text, #text, p{  
    color:#0DE961  
}
```

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 #0DE961 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DE961
}
```

## Border

The CSS property to change the border of an element to Hex 0DE961 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
#0DE961 }
```

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

```
.border{ border-color:#0DE961 }
```

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

Here you see how a box with a 4 pixel #0DE961 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DE961; -webkit-box-shadow:4px 4px  
4px 4px #0DE961; box-shadow:4px 4px 4px  
4px #0DE961 }
```

# Background

The CSS property to change the background color of an element to Hex 0DE961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DE961 }
```

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

```
.background{ background-color:#0DE961 }
```

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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