

# Converting Colors

Hex(0DA975)

Have a look what the booklet for  
Hex(0DA975) contains.

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**Color**

**Hex(0DA975)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DA975
RGB	13, 169, 117
RGB Percent	5%, 66%, 46%
CMY	0.9490, 0.3373, 0.5412
CMYK	0.92, 0.00, 0.31, 0.34
HSL	160°, 86%, 36%
HSV	160°, 92%, 66%
XYZ	17.5648, 29.7459, 21.6454
YIQ	116.4280, -76.2840, -49.2440

# Conversions

## Conversions Part 2

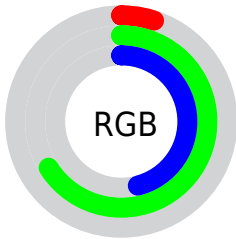
Format	Color
<a href="#">RYB</a>	<a href="#">13, 107, 169</a>
Decimal	<a href="#">895349</a>
CIELab	<a href="#">61.43, -48.97, 16.78</a>
CIElCh	<a href="#">61, 51.765, 161.083</a>
Yxy	<a href="#">29.7459, 0.2547, 0.4314</a>
Android (android.graphics.Color)	<a href="#">4279085429 (0xFF0DA975)</a>
YUV	<a href="#">116.4280, 0.2820, -90.7064</a>
Hunter-Lab	<a href="#">54.5398, -37.9577, 14.6472</a>

# Details

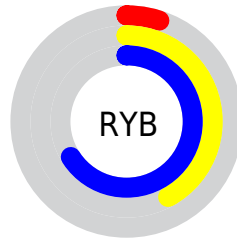
The Hex color **0DA975** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A90D41**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5EE1A9**, and **007444** is the 20% darker color. If you saturate the color by 10%, you get **00A971**, and if you desaturate by 10%, it is **1EA97B**.

# Distribution



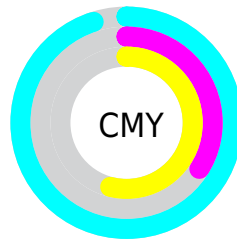
- Red (5%)
- Green (66%)
- Blue (46%)



- Red (5%)
- Yellow (42%)
- Blue (66%)



- Cyan (92%)
- Magenta (0%)
- Yellow (31%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DA975 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 0DA975 by changing the saturation by 10% instead.





0DA975



0DA975

FFFFFF



008E5C



5EE1A9



007444



7DFEC5



005A2E



9BFFE1



004118



B8FFFD



002C00



D6FFFF



000A00



F4FFFF



000000



0DA975



0DA975



00A971



1EA97B

 2FA980

 40A986

 51A98C

 61A991

 72A997

 83A99C

 94A9A2

 A5A9A8

# Harmonies

## Analogous

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



6CA34C



0DA975



00ABA4

# Triad

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



0DA975



6194EE



E1765A

# Complementary

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



0DA975



A90D41

# 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.



E96C85



0DA975



AD81DA

# Square

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



0DA975



00A1EB



D971B3



C6873C

# Rectangle

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



0DA975



00AAC2



D971B3



E67168



# Sweetspot

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



0DA975



9EDBC7



41A90D



486E61



EDEDED



6E6E6E



# Same Dimension

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



0DA975



00DB92



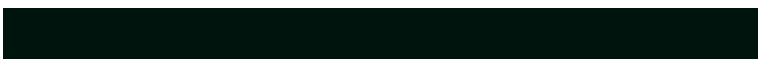
0D8FA9



4C5451



009463



00140E



# Inverse Universe

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



A90D41



DB0049



A9270D



544C4F



940031

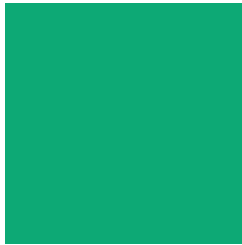


140007



# Previews

## White Background



This preview shows how the Hex color 0DA975 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 0DA975 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

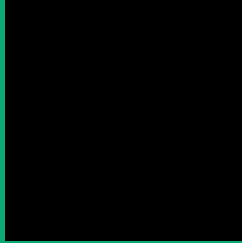
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0DA975 Background



This preview shows how black text looks on a background with the Hex color 0DA975.

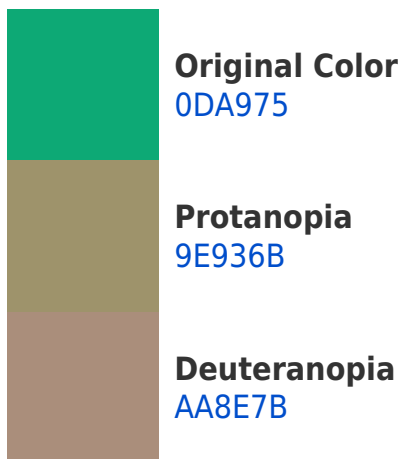


This preview shows how white text looks on a background with the Hex color 0DA975.

# 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**  
3AA2AF

# Trichromacy



**Original Color**  
0DA975



**Protanomaly**  
699B6F



**Deuteranomaly**  
719879



**Tritanomaly**  
2AA59A

# Monochromacy



**Original Color**  
0DA975



**Achromatopsia**  
747474



**Achromatomaly**  
4F8774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DA975 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 #0DA975 looks like.

```
.text, #text, p{  
    color:#0DA975  
}
```

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 #0DA975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA975  
}
```

## Border

The CSS property to change the border of an element to Hex 0DA975 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  
#0DA975 }
```

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

```
.border{ border-color:#0DA975 }
```

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

Here you see how a box with a 4 pixel #0DA975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA975; -webkit-box-shadow:4px 4px  
4px 4px #0DA975; box-shadow:4px 4px 4px  
4px #0DA975 }
```

# Background

The CSS property to change the background color of an element to Hex 0DA975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA975 }
```

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

```
.background{ background-color:#0DA975 }
```

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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