

Converting Colors

Hex(0DA682)

Have a look what the booklet for
Hex(0DA682) contains.

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Color

Hex(0DA682)

Conversions

Conversions Part 1

Format	Color
Hex	0DA682
RGB	13, 166, 130
RGB Percent	5%, 65%, 51%
CMY	0.9490, 0.3490, 0.4902
CMYK	0.92, 0.00, 0.22, 0.35
HSL	166°, 85%, 35%
HSV	166°, 92%, 65%
XYZ	17.8315, 28.9697, 25.7710
YIQ	116.1490, -79.6320, -43.6320

Conversions

Conversions Part 2

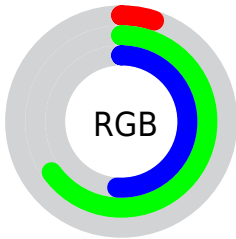
Format	Color
R_{YB}	13, 100, 166
Decimal	894594
CIE _{Lab}	60.75, -44.61, 8.62
CIE _{LCh}	61, 45.433, 169.061
Yxy	28.9697, 0.2457, 0.3992
Android (android.graphics.Color)	4279084674 (0xFF0DA682)
YUV	116.1490, 6.8285, -90.4617
Hunter-Lab	53.8235, -35.0550, 9.2881

Details

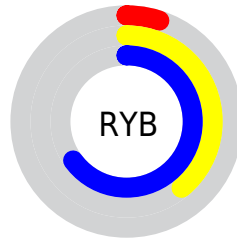
The Hex color **0DA682** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A60D31**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5EDEB7**, and **007151** is the 20% darker color. If you saturate the color by 10%, you get **00A67F**, and if you desaturate by 10%, it is **1EA686**.

Distribution



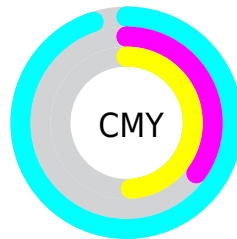
- Red (5%)
- Green (65%)
- Blue (51%)



- Red (5%)
- Yellow (39%)
- Blue (65%)



- Cyan (92%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)



- Cyan (95%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA682 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 0DA682 by changing the saturation by 10% instead.



0DA682



0DA682

FFFFFF



008B69



5EDEB7



007151



7DFBD3



00583A



9AFFEF



003F24



B8FFFF



002A0F



D6FFFF



000500



F4FFFF



000000



0DA682



0DA682



00A67F



1EA686

 2EA68A

 3FA68E

 4FA692

 60A696

 71A699

 81A69D

 92A6A1

 A2A6A5

Harmonies

Analogous

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



63A15C



0DA682



00A7AB

Triad

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



0DA682



7E8EDE



D27C57

Complementary

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



ODA682



A60D31

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.



DE727B



0DA682



B67EC8

Square

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



0DA682



0A9BE1



D572A3



B78B42

Rectangle

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



0DA682



00A5C4



D572A3



D87862

Sweetspot

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



0DA682



9CD9CA



33A60D



486E65



EDEDED



6E6E6E

Same Dimension

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



0DA682



00D9A6



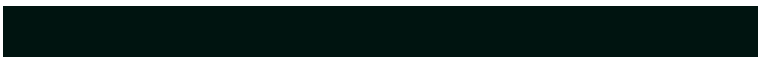
0D80A6



4C5452



009471



001410

Inverse Universe

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



A60D31



D90033



A6330D



544C4E



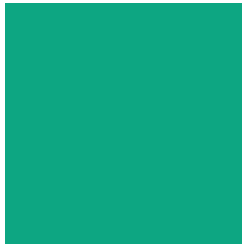
940023



140005

Previews

White Background



This preview shows how the Hex color 0DA682 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 0DA682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

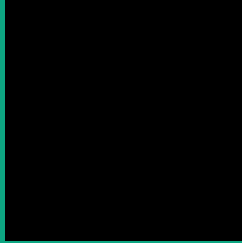
Any Text WCAG AA ✓ Pass

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 0DA682 Background



This preview shows how black text looks on a background with the Hex color 0DA682.

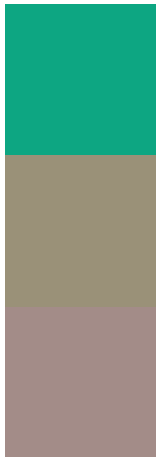


This preview shows how white text looks on a background with the Hex color 0DA682.

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
0DA682

Protanopia
9A9178

Deuteranopia
A38C88



Tritanopia
34A0AD

Trichromacy



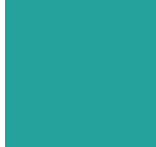
Original Color
0DA682



Protanomaly
67997C



Deuteranomaly
6C9586



Tritanomaly
26A29D

Monochromacy



Original Color
0DA682



Achromatopsia
747474



Achromatomaly
4F8679

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA682 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 #0DA682 looks like.

```
.text, #text, p{  
    color:#0DA682  
}
```

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 #0DA682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA682
}
```

Border

The CSS property to change the border of an element to Hex 0DA682 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
#0DA682 }
```

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

```
.border{ border-color:#0DA682 }
```

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

Here you see how a box with a 4 pixel #0DA682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA682; -webkit-box-shadow:4px 4px  
4px 4px #0DA682; box-shadow:4px 4px 4px  
4px #0DA682 }
```

Background

The CSS property to change the background color of an element to Hex 0DA682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA682 }
```

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

```
.background{ background-color:#0DA682 }
```

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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