

Converting Colors

Hex(0DA6A6)

Have a look what the booklet for
Hex(0DA6A6) contains.

Hex(0DA6A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0DA6A6)

Conversions

Conversions Part 1

Format	Color
Hex	0DA6A6
RGB	13, 166, 166
RGB Percent	5%, 65%, 65%
CMY	0.9490, 0.3490, 0.3490
CMYK	0.92, 0.00, 0.00, 0.35
HSL	180°, 85%, 35%
HSV	180°, 92%, 65%
XYZ	20.6851, 30.1112, 40.7982
YIQ	120.2530, -91.1880, -32.4360

Conversions

Conversions Part 2

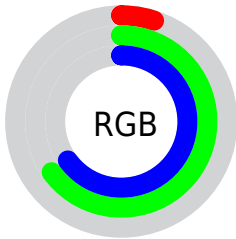
Format	Color
RYB	13, 90, 166
Decimal	894630
CIELab	61.75, -34.38, -10.13
CIELCh	62, 35.839, 196.426
Yxy	30.1112, 0.2258, 0.3287
Android (android.graphics.Color)	4279084710 (0xFF0DA6A6)
YUV	120.2530, 22.5533, -94.0609
Hunter-Lab	54.8737, -28.7417, -5.6702

Details

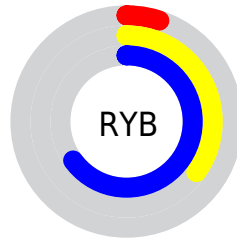
The Hex color **0DA6A6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A6D0D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **62DEDD**, and **007172** is the 20% darker color. If you saturate the color by 10%, you get **00A6A6**, and if you desaturate by 10%, it is **1EA6A6**.

Distribution



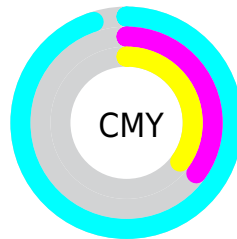
- Red (5%)
- Green (65%)
- Blue (65%)



- Red (5%)
- Yellow (35%)
- Blue (65%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA6A6 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 0DA6A6 by changing the saturation by 10% instead.

 0DA6A6

 0DA6A6

FFFFFF

 008B8C

 62DEDD

 007172

 81FAFA

 00585A

 9FFFFFFF

 004042

 BDFFFF

 002A2C

 DBFFFF

 000D18

 F9FFFF

 000000

 0DA6A6

 0DA6A6

 00A6A6

 1EA6A6

 2EA6A6

 3FA6A6

 4FA6A6

 60A6A6

 71A6A6

 81A6A6

 92A6A6

 A2A6A6

Harmonies

Analogous

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



4BA585



0DA6A6



00A3C2

Triad

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



0DA6A6



AE87C1



B68E57

Complementary

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



0DA6A6



A60D0D

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.



CB8369



0DA6A6



CA7EA5

Square

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



0DA6A6



8392D2



D37D85



989957

Rectangle

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



0DA6A6



359FCF



D37D85



BF8B5B

Sweetspot

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



0DA6A6



9CD9D9



0DA60D



486E6E



EDEDED



6E6E6E

Same Dimension

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



0DA6A6



00D9D9



0D5AA6



4C5454



009494



001414

Inverse Universe

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



A60DA6



D900D9



A65A0D



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color 0DA6A6 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 0DA6A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

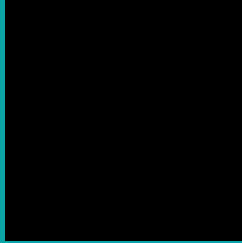
Any Text WCAG AA ✓ Pass

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 0DA6A6 Background



This preview shows how black text looks on a background with the Hex color 0DA6A6.

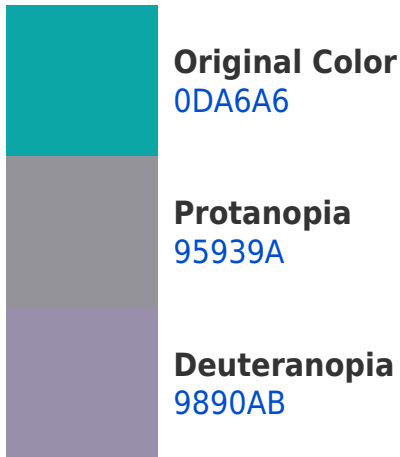


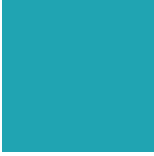
This preview shows how white text looks on a background with the Hex color 0DA6A6.

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
20A4B2

Trichromacy



Original Color
0DA6A6



Protanomaly
649A9E



Deuteranomaly
6598A9



Tritanomaly
19A5AE

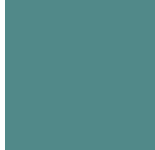
Monochromacy



Original Color
0DA6A6



Achromatopsia
787878



Achromatomaly
518989

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA6A6 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 #0DA6A6 looks like.

```
.text, #text, p{  
    color:#0DA6A6  
}
```

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 #0DA6A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA6A6  
}
```

Border

The CSS property to change the border of an element to Hex 0DA6A6 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  
#0DA6A6 }
```

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

```
.border{ border-color:#0DA6A6 }
```

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

Here you see how a box with a 4 pixel #0DA6A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA6A6; -webkit-box-shadow:4px 4px  
4px 4px #0DA6A6; box-shadow:4px 4px 4px  
4px #0DA6A6 }
```

Background

The CSS property to change the background color of an element to Hex 0DA6A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA6A6 }
```

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

```
.background{ background-color:#0DA6A6 }
```

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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