

Converting Colors

Hex(0DA4AA)

Have a look what the booklet for
Hex(0DA4AA) contains.

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Color

Hex(0DA4AA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0DA4AA |
| RGB | 13, 164, 170 |
| RGB Percent | 5%, 64%, 67% |
| CMY | 0.9490, 0.3569, 0.3333 |
| CMYK | 0.92, 0.04, 0.00, 0.33 |
| HSL | 182°, 86%, 36% |
| HSV | 182°, 92%, 67% |
| XYZ | 20.6971, 29.5388, 42.6409 |
| YIQ | 119.5350, -91.9220, -30.1460 |

Conversions

Conversions Part 2

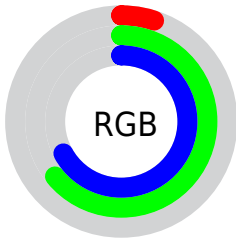
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 13, 90, 170 |
| Decimal | 894122 |
| CIELab | 61.25, -32.18, -13.13 |
| CIElCh | 61, 34.756, 202.193 |
| Yxy | 29.5388, 0.2228, 0.3180 |
| Android (android.graphics.Color) | 4279084202 (0xFF0DA4AA) |
| YUV | 119.5350, 24.8792, -93.4312 |
| Hunter-Lab | 54.3496, -27.1363, -8.4723 |

Details

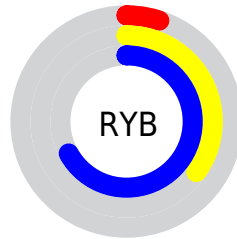
The Hex color **0DA4AA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA130D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **62DBE1**, and **007076** is the 20% darker color. If you saturate the color by 10%, you get **00A4AA**, and if you desaturate by 10%, it is **1EA5AA**.

Distribution



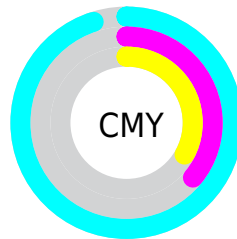
- Red (5%)
- Green (64%)
- Blue (67%)



- Red (5%)
- Yellow (35%)
- Blue (67%)



- Cyan (92%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA4AA 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 0DA4AA by changing the saturation by 10% instead.

 0DA4AA

 0DA4AA

FFFFFF

 008990

 62DBE1

 007076

 81F8FE

 00575D

 9FFFFFF

 003F46

 BDBFFF

 00292F

 DBFFF

 000A1B

 FAFFF

 000000

 0DA4AA

 0DA4AA

 00A4AA

 1EA5AA

 2FA5AA

 40A6AA

 51A7AA

 62A7AA

 73A8AA

 84A9AA

 95A9AA

 A6AAAA

Harmonies

Analogous

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



44A48A



0DA4AA



1BA1C4

Triad

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



0DA4AA



B384BA



AF8F57

Complementary

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



0DA4AA



AA130D

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.



C68564



0DA4AA



CA7D9D

Square

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



0DA4AA



8C8FCD



D07D7E



91995A

Rectangle

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



0DA4AA



459CCE



D07D7E



B88C5A

Sweetspot

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



0DA4AA



A0DBDE



0DAA12



4A6F70



F0F0F0



707070

Same Dimension

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



0DA4AA



00D5DE



0D56AA



4C5454



008E94



001414

Inverse Universe

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



AA0DA4



DE00D5



AA610D



544C54



94008E



140014

Previews

White Background



This preview shows how the Hex color 0DA4AA 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 0DA4AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

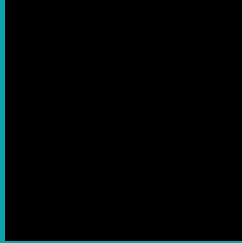
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

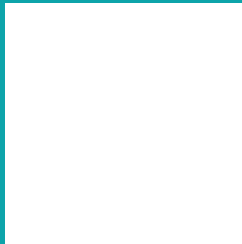
Any Text WCAG AAA × Fail

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

Hex 0DA4AA Background



This preview shows how black text looks on a background with the Hex color 0DA4AA.

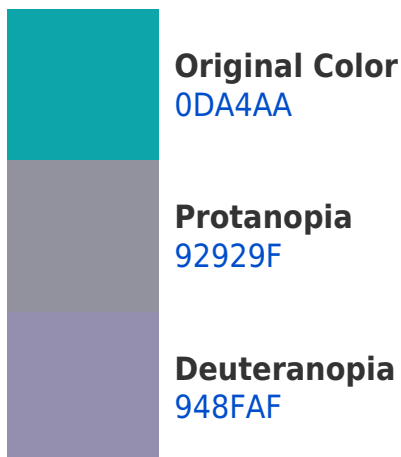


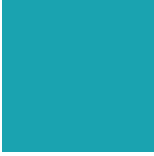
This preview shows how white text looks on a background with the Hex color 0DA4AA.

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
1AA3B0

Trichromacy



Original Color
0DA4AA



Protanomaly
6299A3



Deuteranomaly
6397AD



Tritanomaly
15A3AE

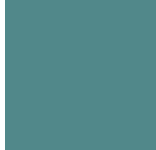
Monochromacy



Original Color
0DA4AA



Achromatopsia
787878



Achromatomaly
51888A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA4AA 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 #0DA4AA looks like.

```
.text, #text, p{  
    color:#0DA4AA  
}
```

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 #0DA4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA4AA
}
```

Border

The CSS property to change the border of an element to Hex 0DA4AA 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
#0DA4AA }
```

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

```
.border{ border-color:#0DA4AA }
```

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

Here you see how a box with a 4 pixel #0DA4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA4AA; -webkit-box-shadow:4px 4px  
4px 4px #0DA4AA; box-shadow:4px 4px 4px  
4px #0DA4AA }
```

Background

The CSS property to change the background color of an element to Hex 0DA4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA4AA }
```

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

```
.background{ background-color:#0DA4AA }
```

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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