

Converting Colors

Hex(0BA9A6)

Have a look what the booklet for
Hex(0BA9A6) contains.

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Color

Hex(0BA9A6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0BA9A6 |
| RGB | 11, 169, 166 |
| RGB Percent | 4%, 66%, 65% |
| CMY | 0.9569, 0.3373, 0.3490 |
| CMYK | 0.93, 0.00, 0.02, 0.34 |
| HSL | 179°, 88%, 35% |
| HSV | 179°, 93%, 66% |
| XYZ | 21.2089, 31.2003, 40.9808 |
| YIQ | 121.4160, -93.2050, -34.4290 |

Conversions

Conversions Part 2

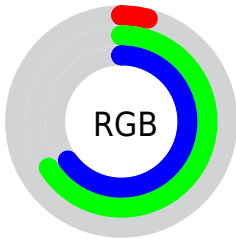
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 11, 91, 169 |
| Decimal | 764326 |
| CIE _{Lab} | 62.68, -35.85, -8.75 |
| CIE _{LCh} | 63, 36.905, 193.719 |
| Yxy | 31.2003, 0.2271, 0.3341 |
| Android (android.graphics.Color) | 4278954406 (0xFF0BA9A6) |
| YUV | 121.4160, 21.9799, -96.8348 |
| Hunter-Lab | 55.8572, -29.9738, -4.3993 |

Details

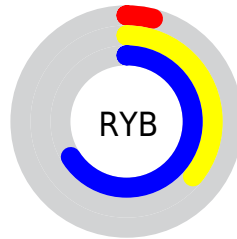
The Hex color **0BA9A6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90B0E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **62E1DD**, and **007472** is the 20% darker color. If you saturate the color by 10%, you get **00A9A6**, and if you desaturate by 10%, it is **1CA9A6**.

Distribution



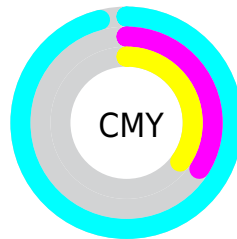
- Red (4%)
- Green (66%)
- Blue (65%)



- Red (4%)
- Yellow (36%)
- Blue (66%)



- Cyan (93%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)




- Cyan (96%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BA9A6 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 0BA9A6 by changing the saturation by 10% instead.

 0BA9A6

 0BA9A6

FFFFFF

 008E8C

 62E1DD

 007472

 81FEFA

 005B5A

 9FFFFFFF

 004342

 BDFFFF

 002C2C

 DBFFFF

 001218

 FAFFFF

 000000

 0BA9A6

 0BA9A6

 00A9A6

 1CA9A6

 2DA9A7

 3EA9A7

 4FA9A7

 5FA9A8

 70A9A8

 81A9A8

 92A9A9

 A3A9A9

Harmonies

Analogous

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



4EA884



0BA9A6



00A7C4

Triad

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



0BA9A6



AE8AC7



BC8F59

Complementary

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



0BA9A6



A90B0E

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.



D1846C



0BA9A6



CC80AB

Square

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



0BA9A6



8096D7



D77E8A



9E9A57

Rectangle

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



0BA9A6



2AA3D2



D77E8A



C48C5D

Sweetspot

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



0BA9A6



9EDBDA



10A90B



486E6D



EDEDED



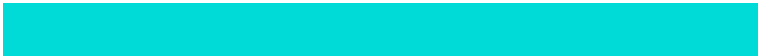
6E6E6E

Same Dimension

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



0BA9A6



00DBD7



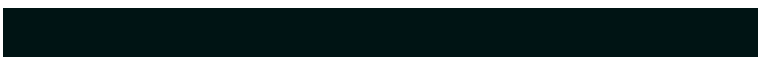
0B5FA9



4C5454



009491



001414

Inverse Universe

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



A90B0E



DB0004



A9550B



544C4C



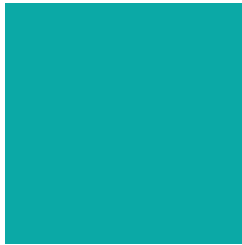
940003



140000

Previews

White Background



This preview shows how the Hex color 0BA9A6 looks on a white background.

Color Contrast Check

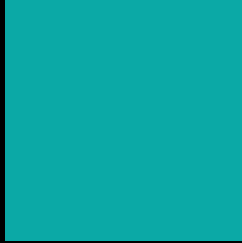
Large Text (above 18pt) WCAG AA × Fail

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 0BA9A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

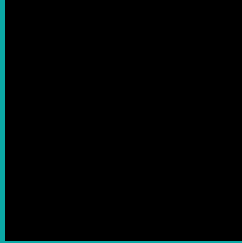
Any Text WCAG AA ✓ Pass

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 0BA9A6 Background



This preview shows how black text looks on a background with the Hex color 0BA9A6.

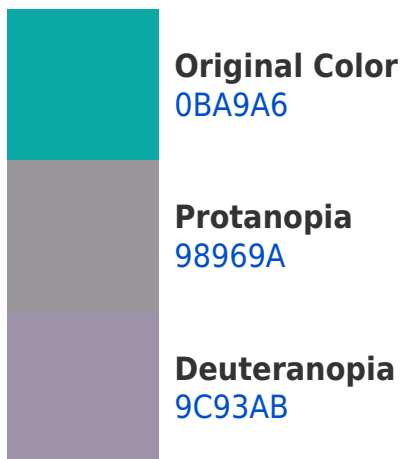


This preview shows how white text looks on a background with the Hex color 0BA9A6.

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
23A7B4

Trichromacy



Original Color
0BA9A6



Protanomaly
659D9E



Deuteranomaly
679BA9



Tritanomaly
1AA8AF

Monochromacy



Original Color
0BA9A6



Achromatopsia
797979



Achromatomaly
518A89

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BA9A6 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 #0BA9A6 looks like.

```
.text, #text, p{  
    color:#0BA9A6  
}
```

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 #0BA9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA9A6
}
```

Border

The CSS property to change the border of an element to Hex 0BA9A6 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
#0BA9A6 }
```

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

```
.border{ border-color:#0BA9A6 }
```

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

Here you see how a box with a 4 pixel #0BA9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA9A6; -webkit-box-shadow:4px 4px  
4px 4px #0BA9A6; box-shadow:4px 4px 4px  
4px #0BA9A6 }
```

Background

The CSS property to change the background color of an element to Hex 0BA9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA9A6 }
```

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

```
.background{ background-color:#0BA9A6 }
```

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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