

Converting Colors

Hex(0AAA96)

Have a look what the booklet for
Hex(0AAA96) contains.

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Color

Hex(0AAA96)

Conversions

Conversions Part 1

Format	Color
Hex	0AAA96
RGB	10, 170, 150
RGB Percent	4%, 67%, 59%
CMY	0.9608, 0.3333, 0.4118
CMYK	0.94, 0.00, 0.12, 0.33
HSL	172°, 89%, 35%
HSV	172°, 94%, 67%
XYZ	20.0049, 31.0160, 33.7865
YIQ	119.8800, -88.9400, -40.1400

Conversions

Conversions Part 2

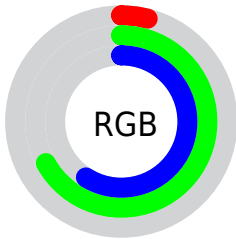
Format	Color
RYB	10, 95, 170
Decimal	699030
CIELab	62.52, -41.03, -0.02
CIELCh	63, 41.034, 180.029
Yxy	31.0160, 0.2359, 0.3657
Android (android.graphics.Color)	4278889110 (0xFF0AAA96)
YUV	119.8800, 14.8492, -96.3648
Hunter-Lab	55.6920, -33.3427, 3.0151

Details

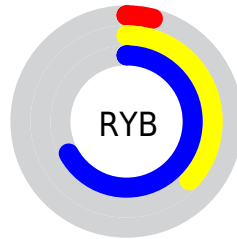
The Hex color **0AAA96** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA0A1E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **60E2CC**, and **007563** is the 20% darker color. If you saturate the color by 10%, you get **00AA95**, and if you desaturate by 10%, it is **1BAA98**.

Distribution



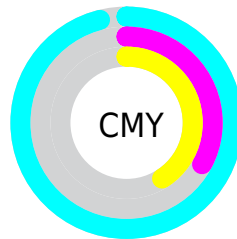
- Red (4%)
- Green (67%)
- Blue (59%)



- Red (4%)
- Yellow (37%)
- Blue (67%)



- Cyan (94%)
- Magenta (0%)
- Yellow (12%)
- Black (33%)



- Cyan (96%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AAA96 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 0AAA96 by changing the saturation by 10% instead.

 0AAA96

 0AAA96

FFFFFF

 008F7C

 60E2CC

 007563

 7FFFE8

 005B4C

 9DFFFF

 004335

 BBFFFF

 002C20

 D9FFFF

 001009

 F7FFFF

 000000

 0AAA96

 0AAA96

 00AA95

 1BAA98

 2CAA9A

 3DAA9C

 4EAA9E

 5FAAA1

 70AAA3

 81AAA5

 92AAA7

 A3AAA9

Harmonies

Analogous

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



5BA771



0AAA96



00A9BA

Triad

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



0AAA96



9A8ED6



CB8859

Complementary

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



0AAA96



AA0A1E

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.



DB7D75



0AAA96



C581BC

Square

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



0AAA96



5C9BE0



DA7A99



AE954D

Rectangle

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



0AAA96



00A7CE



DA7A99



D28461

Sweetspot

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



0AAA96



A0DED6



1FAA0A



4A706B



F0F0F0



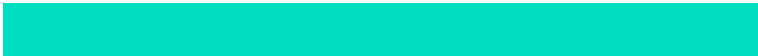
707070

Same Dimension

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



0AAA96



00DEC2



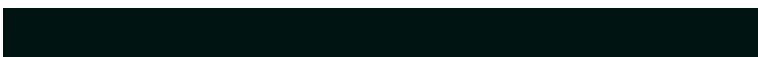
0A6FAA



4C5453



009481



001412

Inverse Universe

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



AA0A1E



DE001C



AA450A



544C4D



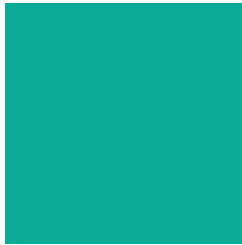
940012



140003

Previews

White Background



This preview shows how the Hex color 0AAA96 looks on a white background.

Color Contrast Check

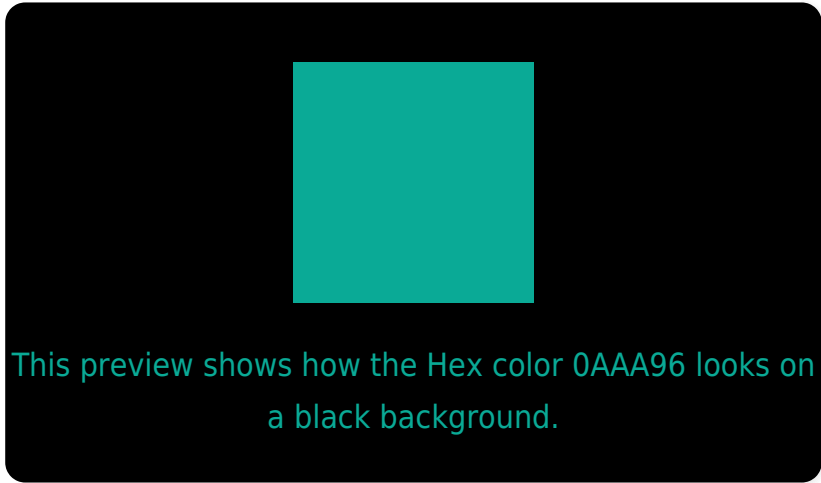
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

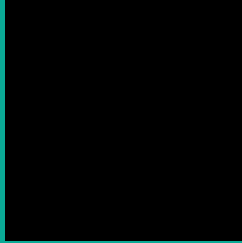
Any Text WCAG AA ✓ Pass

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 0AAA96 Background



This preview shows how black text looks on a background with the Hex color 0AAA96.

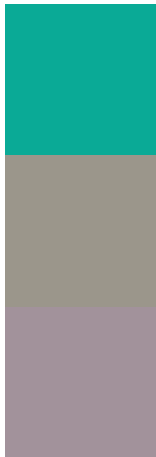


This preview shows how white text looks on a background with the Hex color 0AAA96.

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](#).

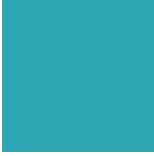
Dichromacy



Original Color
0AAA96

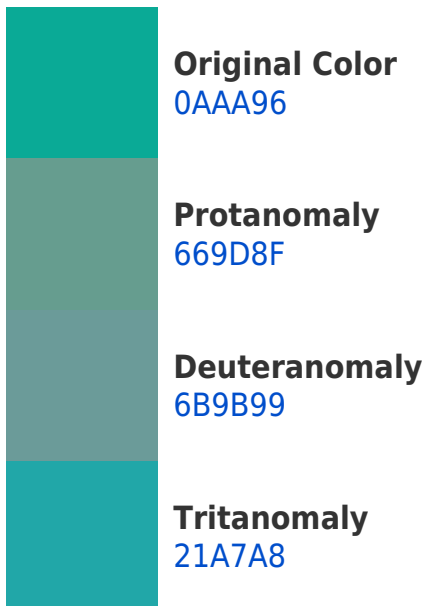
Protanopia
9B968B

Deuteranopia
A2929B

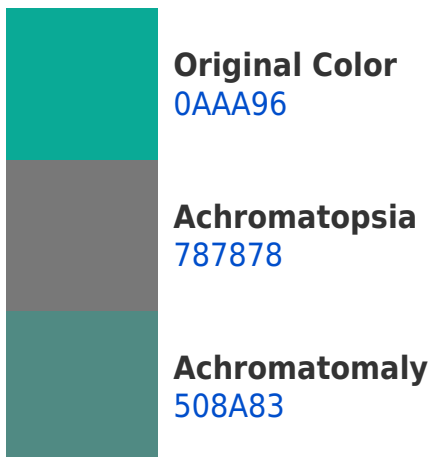


Tritanopia
2EA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0AAA96 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 #0AAA96 looks like.

```
.text, #text, p{  
    color:#0AAA96  
}
```

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 #0AAA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AAA96
}
```

Border

The CSS property to change the border of an element to Hex 0AAA96 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
#0AAA96 }
```

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

```
.border{ border-color:#0AAA96 }
```

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

Here you see how a box with a 4 pixel #0AAA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AAA96; -webkit-box-shadow:4px 4px  
4px 4px #0AAA96; box-shadow:4px 4px 4px  
4px #0AAA96 }
```

Background

The CSS property to change the background color of an element to Hex 0AAA96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AAA96 }
```

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

```
.background{ background-color:#0AAA96 }
```

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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