

Converting Colors

Hex(0AAF9D)

Have a look what the booklet for
Hex(0AAF9D) contains.

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Color

Hex(0AAF9D)

Conversions

Conversions Part 1

Format	Color
Hex	0AAF9D
RGB	10, 175, 157
RGB Percent	4%, 69%, 62%
CMY	0.9608, 0.3137, 0.3843
CMYK	0.94, 0.00, 0.10, 0.31
HSL	173°, 89%, 36%
HSV	173°, 94%, 69%
XYZ	21.5409, 33.1588, 37.1633
YIQ	123.6130, -92.5620, -40.5780

Conversions

Conversions Part 2

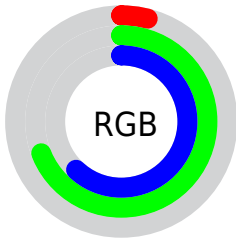
Format	Color
RYB	10, 97, 175
Decimal	700317
CIELab	64.29, -41.23, -1.34
CIElCh	64, 41.251, 181.862
Yxy	33.1588, 0.2345, 0.3610
Android (android.graphics.Color)	4278890397 (0xFF0AAF9D)
YUV	123.6130, 16.4598, -99.6386
Hunter-Lab	57.5837, -33.9980, 2.0441

Details

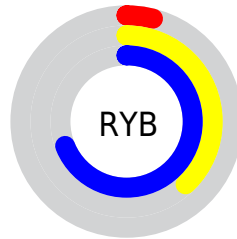
The Hex color **0AAF9D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AF0A1C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **62E7D3**, and **007A6A** is the 20% darker color. If you saturate the color by 10%, you get **00AF9C**, and if you desaturate by 10%, it is **1BAF9F**.

Distribution



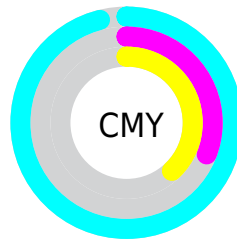
- Red (4%)
- Green (69%)
- Blue (62%)



- Red (4%)
- Yellow (38%)
- Blue (69%)



- Cyan (94%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)



- Cyan (96%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AAF9D 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 0AAF9D by changing the saturation by 10% instead.

 0AAF9D

 0AAF9D

FFFFFF

 009483

 62E7D3

 007A6A

 81FFF0

 006052

 9FFFFFF

 00473B

 BDFFFF

 003025

 DCFFFF

 001811

 FAFFFF

 000000

 0AAF9D

 0AAF9D

 00AF9C

 1BAF9F

 2DAFA1

 3EAFA3

 50AFA5

 62AFA7

 73AFA8

 85AFAA

 96AFAC

 A8AFAE

Harmonies

Analogous

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



5CAC78



0AAF9D



00AEC2

Triad

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



0AAF9D



A291DA



CF8D5C

Complementary

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



0AAF9D



AF0A1C

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.



E08277



0AAF9D



CC84BF

Square

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



0AAF9D



659FE5



E07E9B



B19A51

Rectangle

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



0AAF9D



00ABD5



E07E9B



D68963

Sweetspot

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



0AAF9D



A3E3DC



1DAF0A



4C736E



F2F2F2



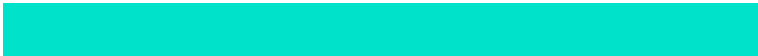
737373

Same Dimension

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



0AAF9D



00E3CA



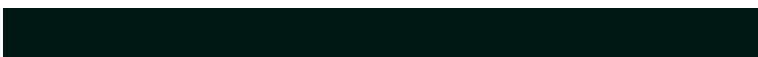
0A70AF



4E5756



009686



001714

Inverse Universe

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



AF0A1C



E30019



AF490A



574E4F



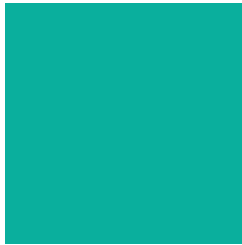
960010



170003

Previews

White Background



This preview shows how the Hex color 0AAF9D 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 0AAF9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

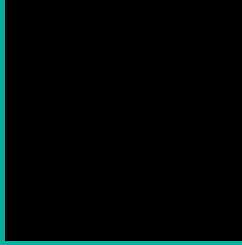
Any Text WCAG AA ✓ Pass

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 0AAF9D Background



This preview shows how black text looks on a background with the Hex color 0AAF9D.

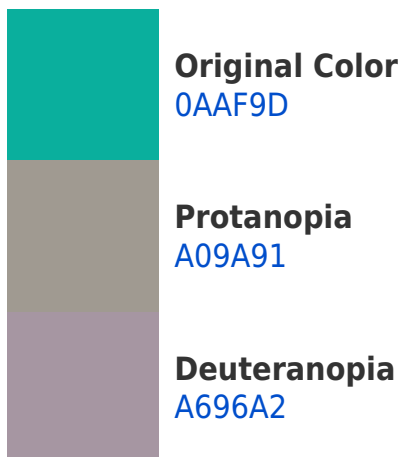


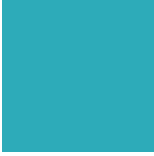
This preview shows how white text looks on a background with the Hex color 0AAF9D.

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
2DABB9

Trichromacy



Original Color
0AAF9D



Protanomaly
69A295



Deuteranomaly
6D9FA0



Tritanomaly
20ACAF

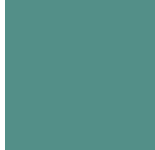
Monochromacy



Original Color
0AAF9D



Achromatopsia
7C7C7C



Achromatomaly
538F88

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AAF9D 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 #0AAF9D looks like.

```
.text, #text, p{  
    color:#0AAF9D  
}
```

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 #0AAF9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AAF9D
}
```

Border

The CSS property to change the border of an element to Hex 0AAF9D 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
#0AAF9D }
```

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

```
.border{ border-color:#0AAF9D }
```

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

Here you see how a box with a 4 pixel #0AAF9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AAF9D; -webkit-box-shadow:4px 4px  
4px 4px #0AAF9D; box-shadow:4px 4px 4px  
4px #0AAF9D }
```

Background

The CSS property to change the background color of an element to Hex 0AAF9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AAF9D }
```

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

```
.background{ background-color:#0AAF9D }
```

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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