

# Converting Colors

Hex(00A9A1)

Have a look what the booklet for  
Hex(00A9A1) contains.

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# Color

**Hex(00A9A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A9A1
RGB	0, 169, 161
RGB Percent	0%, 66%, 63%
CMY	1.0000, 0.3373, 0.3686
CMYK	1.00, 0.00, 0.05, 0.34
HSL	177°, 100%, 33%
HSV	177°, 100%, 66%
XYZ	20.6210, 30.9491, 38.6052
YIQ	117.5570, -98.1560, -38.3160

# Conversions

## Conversions Part 2

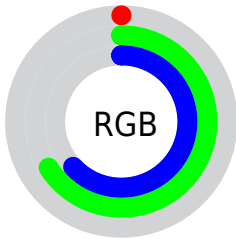
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 87, 169</a>
Decimal	<a href="#">43425</a>
CIELab	<a href="#">62.46, -37.77, -6.27</a>
CIELCh	<a href="#">62, 38.285, 189.427</a>
Yxy	<a href="#">30.9491, 0.2287, 0.3432</a>
Android (android.graphics.Color)	<a href="#">4278233505</a> ( <a href="#">0xFF00A9A1</a> )
YUV	<a href="#">117.5570, 21.4174, -103.0975</a>
Hunter-Lab	<a href="#">55.6320, -31.1917, -2.2012</a>

# Details

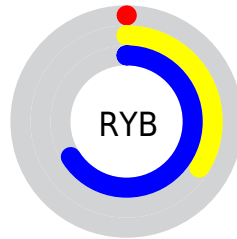
The Hex color **00A9A1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90008**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5FE1D8**, and **00746E** is the 20% darker color. If you saturate the color by 10%, you get **00A9A1**, and if you desaturate by 10%, it is **11A9A2**.

# Distribution



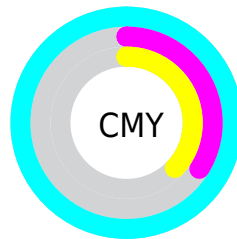
- Red (0%)
- Green (66%)
- Blue (63%)



- Red (0%)
- Yellow (34%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A9A1 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 00A9A1 by changing the saturation by 10% instead.



 00A9A1

 00A9A1

FFFFFF

 008E87

 5FE1D8

 00746E

 7EFEF4

 005B55

 9CFFFF

 00423E

 BBFFFF

 002C28


 D9FFFF

 001114

 F7FFFF

 000000

 00A9A1

 11A9A2

 22A9A3

 33A9A3

 44A9A4

 54A9A5

 65A9A6

 76A9A7

 87A9A7

 98A9A8

# Harmonies

## Analogous

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



51A77E



00A9A1



00A7C1

# Triad

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



00A9A1



A98ACC



C08D58

# Complementary

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



00A9A1



A90008

# 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.



D4826E



00A9A1



CA7FB0

# Square

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



00A9A1



7697DA



D87C8D



A29953

# Rectangle

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



00A9A1



00A4D1



D87C8D



C8895D



# Sweetspot

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



00A9A1



9ADBD8



08A900



466E6C



EDEDED



6E6E6E



# Same Dimension

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



00A9A1



00DBD1



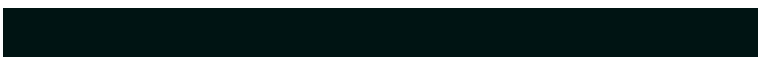
005DA9



4C5454



00948D



001413



# Inverse Universe

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



A90008



DB000A



A94C00



544C4C



940007



140001



# Previews

## White Background



This preview shows how the Hex color 00A9A1 looks on a white background.

## Color Contrast Check

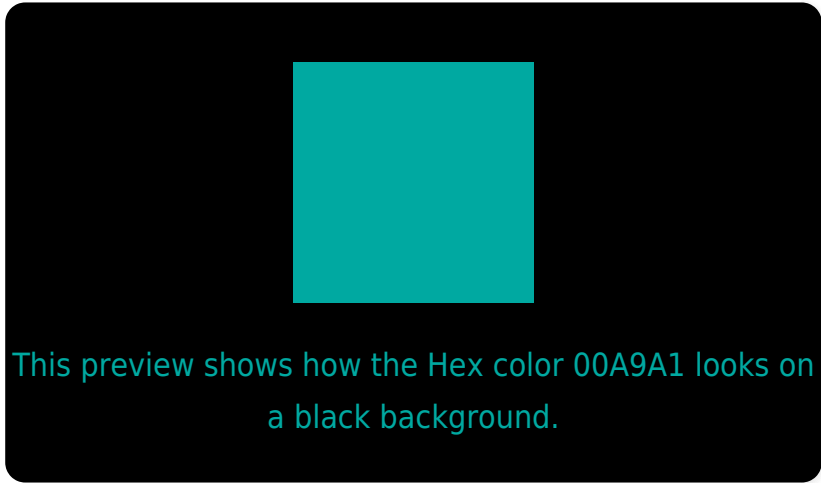
Large Text (above 18pt) WCAG AA × Fail

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

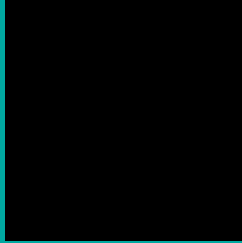
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A9A1 Background



This preview shows how black text looks on a background with the Hex color 00A9A1.

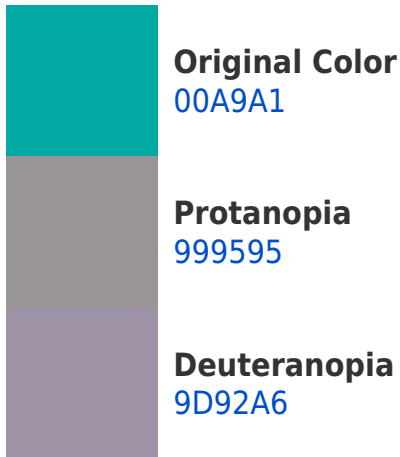


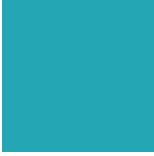
This preview shows how white text looks on a background with the Hex color 00A9A1.

# 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**  
25A6B4

# Trichromacy



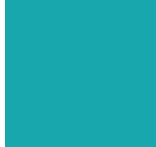
**Original Color**  
00A9A1



**Protanomaly**  
619C99



**Deuteranomaly**  
649AA4



**Tritanomaly**  
18A7AD

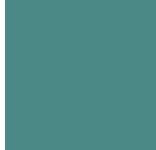
# Monochromacy



**Original Color**  
00A9A1



**Achromatopsia**  
767676



**Achromatomaly**  
4B8986

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A9A1 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 #00A9A1 looks like.

```
.text, #text, p{  
    color:#00A9A1  
}
```

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 #00A9A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9A1
}
```

## Border

The CSS property to change the border of an element to Hex 00A9A1 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
#00A9A1 }
```

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

```
.border{ border-color:#00A9A1 }
```

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

Here you see how a box with a 4 pixel #00A9A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9A1; -webkit-box-shadow:4px 4px  
4px 4px #00A9A1; box-shadow:4px 4px 4px  
4px #00A9A1 }
```

# Background

The CSS property to change the background color of an element to Hex 00A9A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9A1 }
```

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

```
.background{ background-color:#00A9A1 }
```

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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