

# Converting Colors

Hex(1AA8A9)

Have a look what the booklet for  
Hex(1AA8A9) contains.

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# Color

**Hex(1AA8A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AA8A9
RGB	26, 168, 169
RGB Percent	10%, 66%, 66%
CMY	0.8980, 0.3412, 0.3373
CMYK	0.85, 0.01, 0.00, 0.34
HSL	180°, 73%, 38%
HSV	180°, 85%, 66%
XYZ	21.5901, 31.0894, 42.3991
YIQ	125.6560, -84.9530, -29.7930

# Conversions

## Conversions Part 2

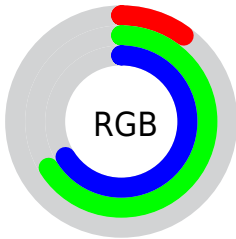
Format	Color
<b>RYB</b>	26, 97, 169
Decimal	1747113
CIELab	62.58, -33.64, -10.56
CIELCh	63, 35.262, 197.426
Yxy	31.0894, 0.2271, 0.3270
Android (android.graphics.Color)	4279937193 (0xFF1AA8A9)
YUV	125.6560, 21.3686, -87.3983
Hunter-Lab	55.7579, -28.4592, -6.0544

# Details

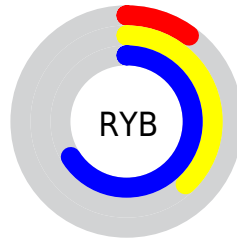
The Hex color **1AA8A9** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A91B1A**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **66E0E0**, and **007375** is the 20% darker color. If you saturate the color by 10%, you get **09A8A9**, and if you desaturate by 10%, it is **2BA8A9**.

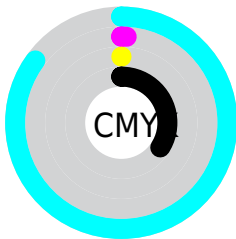
# Distribution



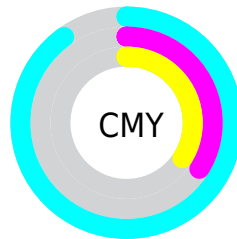
- Red (10%)
- Green (66%)
- Blue (66%)



- Red (10%)
- Yellow (38%)
- Blue (66%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (34%)



- Cyan (90%)
- Magenta (34%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AA8A9 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 1AA8A9 by changing the saturation by 10% instead.



 1AA8A9

 1AA8A9

FFFFFF

 008D8F

 66E0E0

 007375

 85DFD

 005A5C

 A3FFF

 004245

 C1FFF

 002B2F

 DFFFF

 00111A

FEFFF

 000000

 1AA8A9

 1AA8A9

 09A8A9

 2BA8A9

00A8A9

3CA8A9

4DA8A9

5EA8A9

6EA9A9

7FA9A9

90A9A9

A1A9A9

B2A9A9

# Harmonies

## Analogous

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



4DA789



1AA8A9



11A5C5

# Triad

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



1AA8A9



B289C2



B7915A

# Complementary

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



1AA8A9



A91B1A

# 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.



CD866B



1AA8A9



CC80A6

# Square

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



1AA8A9



8794D3



D57F86



9A9B5B

# Rectangle

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



1AA8A9



3DA1D0



D57F86



C08D5E



# Sweetspot

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



1AA8A9



A4DBDB



1AA91A



4D6D6E



EDEDED



6E6E6E



# Same Dimension

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



1AA8A9



00DADB



1A61A9



4C5454



009394



001414



# Inverse Universe

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



A91AA8



DB00DA



A9611A



544C54



940093

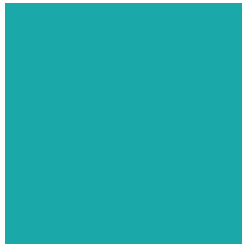


140014



# Previews

## White Background



This preview shows how the Hex color 1AA8A9 looks on a white background.

## Color Contrast Check

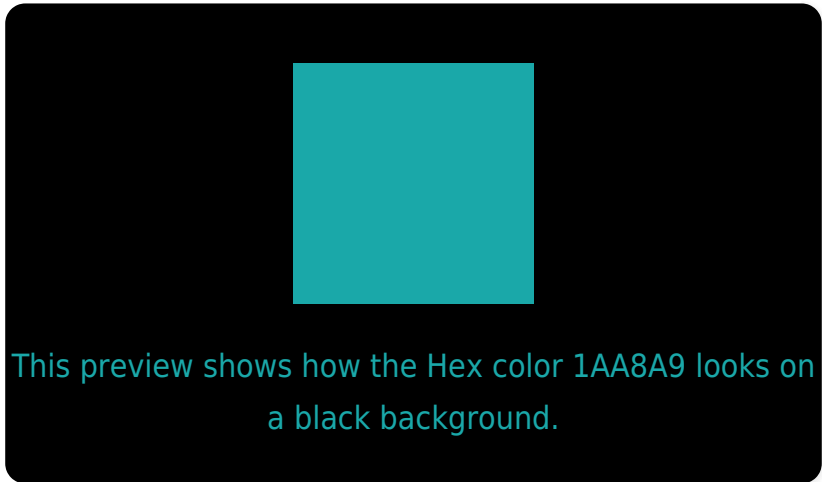
Large Text (above 18pt) WCAG AA × Fail

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

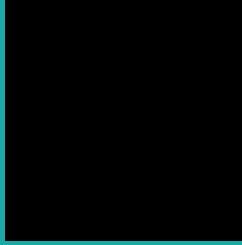
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

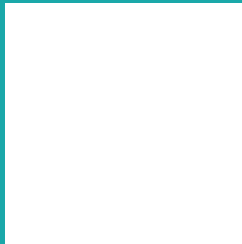
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1AA8A9 Background



This preview shows how black text looks on a background with the Hex color 1AA8A9.

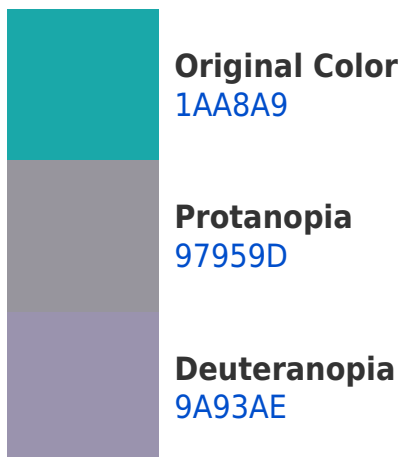


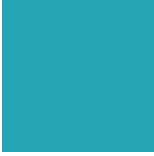
This preview shows how white text looks on a background with the Hex color 1AA8A9.

# 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**  
26A6B4

# Trichromacy



**Original Color**  
1AA8A9



**Protanomaly**  
6A9CA1



**Deuteranomaly**  
6B9BAC



**Tritanomaly**  
22A7B0

# Monochromacy



**Original Color**  
1AA8A9



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
5A8D8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AA8A9 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 #1AA8A9 looks like.

```
.text, #text, p{  
    color:#1AA8A9  
}
```

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 #1AA8A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA8A9
}
```

## Border

The CSS property to change the border of an element to Hex 1AA8A9 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
#1AA8A9 }
```

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

```
.border{ border-color:#1AA8A9 }
```

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

Here you see how a box with a 4 pixel #1AA8A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA8A9; -webkit-box-shadow:4px 4px  
4px 4px #1AA8A9; box-shadow:4px 4px 4px  
4px #1AA8A9 }
```

# Background

The CSS property to change the background color of an element to Hex 1AA8A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA8A9 }
```

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

```
.background{ background-color:#1AA8A9 }
```

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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