

# Converting Colors

Hex(00A19D)

Have a look what the booklet for  
Hex(00A19D) contains.

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# Color

**Hex(00A19D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A19D
RGB	0, 161, 157
RGB Percent	0%, 63%, 62%
CMY	1.0000, 0.3686, 0.3843
CMYK	1.00, 0.00, 0.02, 0.37
HSL	179°, 100%, 32%
HSV	179°, 100%, 63%
XYZ	18.8307, 27.9241, 36.2957
YIQ	112.4050, -94.6720, -35.3760

# Conversions

## Conversions Part 2

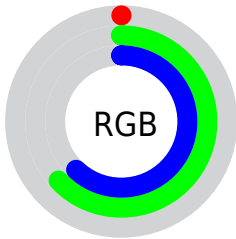
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 161
Decimal	41373
CIELab	59.82, -35.33, -7.95
CIELCh	60, 36.212, 192.682
Yxy	27.9241, 0.2267, 0.3362
Android (android.graphics.Color)	4278231453 (0xFF00A19D)
YUV	112.4050, 21.9853, -98.5792
Hunter-Lab	52.8432, -28.8672, -3.7334

# Details

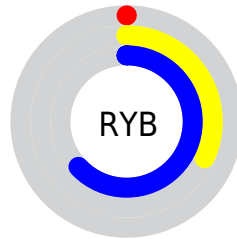
The Hex color **00A19D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10004**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5DD8D3**, and **006D6A** is the 20% darker color. If you saturate the color by 10%, you get **00A19D**, and if you desaturate by 10%, it is **10A19D**.

# Distribution



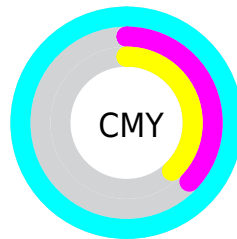
- Red (0%)
- Green (63%)
- Blue (62%)



- Red (0%)
- Yellow (32%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A19D 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 00A19D by changing the saturation by 10% instead.



 00A19D

 00A19D

FFFFFF

 008683

 5DD8D3

 006D6A

 7CF5F0

 005452

 9AFFFF

 003C3B

 B8FFFF

 002725

 D6FFFF

 000111

 F4FFFF

 000000

 00A19D

 10A19D

 20A19E

 30A19E

 40A19F

 51A19F

 61A19F

 71A1A0

 81A1A0

 91A1A1

# Harmonies

## Analogous

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



4AA07C



00A19D



009FBA

# Triad

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



00A19D



A583BF



B48853

# Complementary

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



00A19D



A10004

# 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.



C87D66



00A19D



C279A4

# Square

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



00A19D



778FCE



CE7784



979351

# Rectangle

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



00A19D



1E9BC8



CE7784



BC8458



# Sweetspot

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



00A19D



92D1D0



05A100



436968



E8E8E8



696969



# Same Dimension

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



00A19D



00D1CC



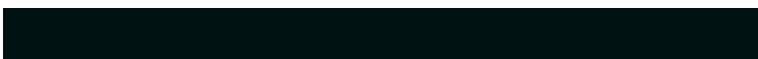
0056A1



495251



00918E



001211



# Inverse Universe

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



A10004



D10005



A14B00



52494A



910004



120000



# Previews

## White Background



This preview shows how the Hex color 00A19D looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 00A19D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

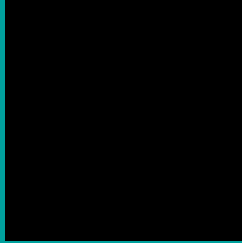
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A19D Background



This preview shows how black text looks on a background with the Hex color 00A19D.

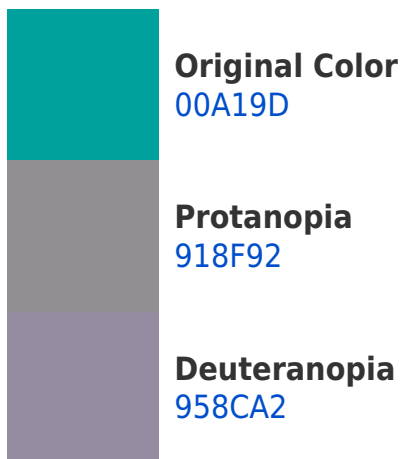


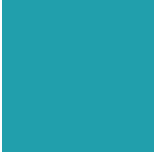
This preview shows how white text looks on a background with the Hex color 00A19D.

# 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





# Trichromacy



**Original Color**  
00A19D



**Protanomaly**  
5C9696



**Deuteranomaly**  
5F94A0



**Tritanomaly**  
15A0A7

# Monochromacy



**Original Color**  
00A19D



**Achromatopsia**  
707070



**Achromatomaly**  
478280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A19D 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 #00A19D looks like.

```
.text, #text, p{  
    color:#00A19D  
}
```

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 #00A19D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A19D
}
```

## Border

The CSS property to change the border of an element to Hex 00A19D 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
#00A19D }
```

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

```
.border{ border-color:#00A19D }
```

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

Here you see how a box with a 4 pixel #00A19D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A19D; -webkit-box-shadow:4px 4px  
4px 4px #00A19D; box-shadow:4px 4px 4px  
4px #00A19D }
```

# Background

The CSS property to change the background color of an element to Hex 00A19D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A19D }
```

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

```
.background{ background-color:#00A19D }
```

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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