

# Converting Colors

Hex(01A69B)

Have a look what the booklet for  
Hex(01A69B) contains.

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# Color

**Hex(01A69B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01A69B
RGB	1, 166, 155
RGB Percent	0%, 65%, 61%
CMY	0.9961, 0.3490, 0.3922
CMYK	0.99, 0.00, 0.07, 0.35
HSL	176°, 99%, 33%
HSV	176°, 99%, 65%
XYZ	19.5651, 29.6454, 35.7013
YIQ	115.4110, -94.8090, -38.4010

# Conversions

## Conversions Part 2

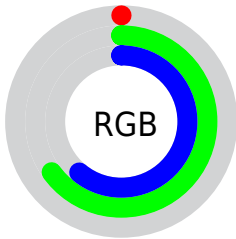
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 86, 166
Decimal	108187
CIE <sub>Lab</sub>	61.35, -38.17, -4.56
CIE <sub>LCh</sub>	61, 38.440, 186.807
Yxy	29.6454, 0.2304, 0.3491
Android (android.graphics.Color)	4278298267 (0xFF01A69B)
YUV	115.4110, 19.5174, -100.3384
Hunter-Lab	54.4476, -31.1414, -0.7631

# Details

The Hex color **01A69B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A6010C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5EDED1**, and **007168** is the 20% darker color. If you saturate the color by 10%, you get **00A69B**, and if you desaturate by 10%, it is **12A69C**.

# Distribution



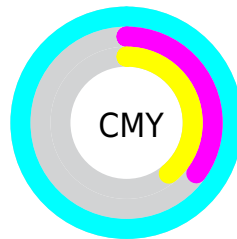
- Red (0%)
- Green (65%)
- Blue (61%)



- Red (0%)
- Yellow (34%)
- Blue (65%)



- Cyan (99%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01A69B 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 01A69B by changing the saturation by 10% instead.



 01A69B

 01A69B

FFFFFF

 008B81

 5EDED1

 007168

 7DFBEE

 005850

 9BFFFF

 004039

 B9FFFF

 002A24

 D7FFFF

 000A0F

 F6FFFF

 000000

 01A69B

 01A69B

 00A69B

 12A69C

 22A69D

 33A69E

 43A69F

 54A6A1

 65A6A2

 75A6A3

 86A6A4

 96A6A5

# Harmonies

## Analogous

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



52A478



01A69B



00A4BC

# Triad

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



01A69B



A288CB



BF8956

# Complementary

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



01A69B



A6010C

# 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.



D27E6D



01A69B



C57DB0

# Square

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



01A69B



6D95D7



D5798E



A2954F

# Rectangle

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



01A69B



00A1CC



D5798E



C7855C



# Sweetspot

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



01A69B



98D9D4



0CA601



466E6B



EDEDED



6E6E6E

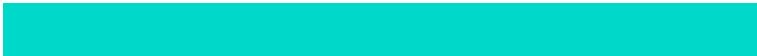


# Same Dimension

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



01A69B



00D9CA



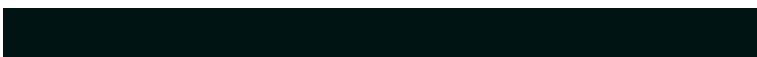
015FA6



4C5454



00948A



001413



# Inverse Universe

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



A6010C



D9000E



A64801



544C4C



94000A

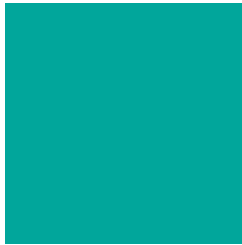


140001



# Previews

## White Background



This preview shows how the Hex color 01A69B looks on a white background.

## Color Contrast Check

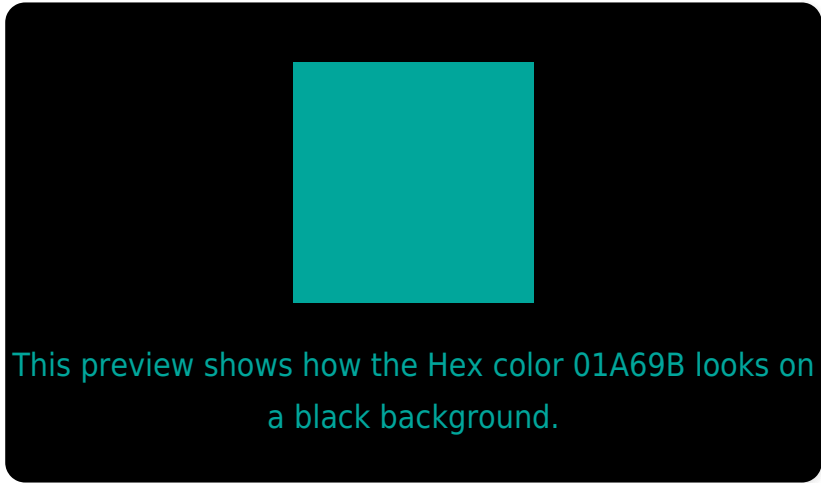
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

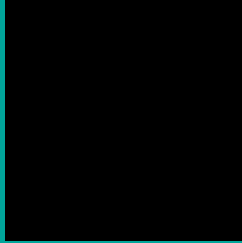
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 01A69B Background



This preview shows how black text looks on a background with the Hex color 01A69B.

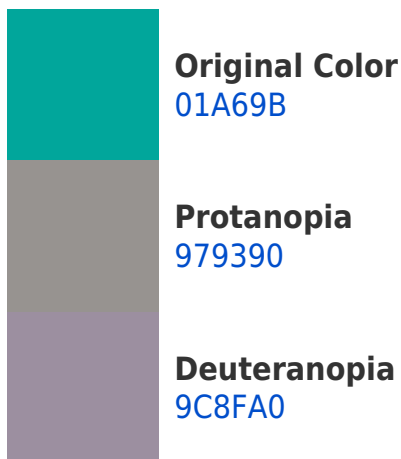


This preview shows how white text looks on a background with the Hex color 01A69B.

# 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**  
27A3B0

# Trichromacy



**Original Color**  
01A69B



**Protanomaly**  
609A94



**Deuteranomaly**  
64979E



**Tritanomaly**  
19A4A8

# Monochromacy



**Original Color**  
01A69B



**Achromatopsia**  
737373



**Achromatomaly**  
4A8682

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01A69B 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 #01A69B looks like.

```
.text, #text, p{  
    color:#01A69B  
}
```

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 #01A69B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A69B
}
```

## Border

The CSS property to change the border of an element to Hex 01A69B 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
#01A69B }
```

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

```
.border{ border-color:#01A69B }
```

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

Here you see how a box with a 4 pixel #01A69B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A69B; -webkit-box-shadow:4px 4px  
4px 4px #01A69B; box-shadow:4px 4px 4px  
4px #01A69B }
```

# Background

The CSS property to change the background color of an element to Hex 01A69B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A69B }
```

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

```
.background{ background-color:#01A69B }
```

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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