

# Converting Colors

Hex(01A88A)

Have a look what the booklet for  
Hex(01A88A) contains.

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# Color

**Hex(01A88A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01A88A
RGB	1, 168, 138
RGB Percent	0%, 66%, 54%
CMY	0.9961, 0.3412, 0.4588
CMYK	0.99, 0.00, 0.18, 0.34
HSL	169°, 99%, 33%
HSV	169°, 99%, 66%
XYZ	18.6026, 29.8467, 28.8253
YIQ	114.6470, -89.9020, -44.7340

# Conversions

## Conversions Part 2

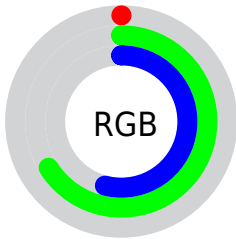
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 93, 168
Decimal	108682
CIELab	61.52, -43.84, 5.24
CIELCh	62, 44.156, 173.188
Yxy	29.8467, 0.2407, 0.3862
Android (android.graphics.Color)	4278298762 (0xFF01A88A)
YUV	114.6470, 11.5130, -99.6684
Hunter-Lab	54.6321, -34.8258, 6.9596

# Details

The Hex color **01A88A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A8011F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DE0BF**, and **007358** is the 20% darker color. If you saturate the color by 10%, you get **00A88A**, and if you desaturate by 10%, it is **12A88D**.

# Distribution



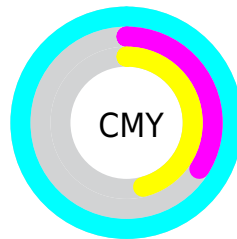
- Red (0%)
- Green (66%)
- Blue (54%)



- Red (0%)
- Yellow (36%)
- Blue (66%)



- Cyan (99%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01A88A 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 01A88A by changing the saturation by 10% instead.





01A88A



01A88A

FFFFFF



008D71



5DE0BF



007358



7BFDDB



005941



99FFF8



00412B



B7FFF8



002B16



D5FFF8



000A00



F4FFF8



000000



01A88A



01A88A



00A88A



12A88D

 23A890

 33A893

 44A896

 55A899

 66A89C

 77A89F

 87A8A2

 98A8A5

# Harmonies

## Analogous

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



5FA464



01A88A



00A8B2

# Triad

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



01A88A



8A8EDC



D08157

# Complementary

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



01A88A



A8011F

# 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.



DE7678



01A88A



BC7FC4

# Square

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



01A88A



379BE2



D8759F



B48F45

# Rectangle

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



01A88A



00A6C9



D8759F



D77D61



# Sweetspot

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



01A88A



9ADBCF



20A801



466E67



EDEDED



6E6E6E



# Same Dimension

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



01A88A



00DBB4



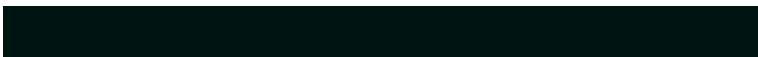
0173A8



4C5453



009479



001411



# Inverse Universe

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



A8011F



DB0027



A83601



544C4D



94001B

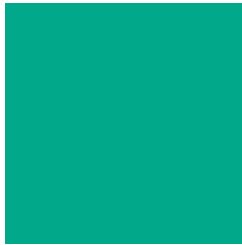


140004



# Previews

## White Background



This preview shows how the Hex color 01A88A looks on a white background.

## Color Contrast Check

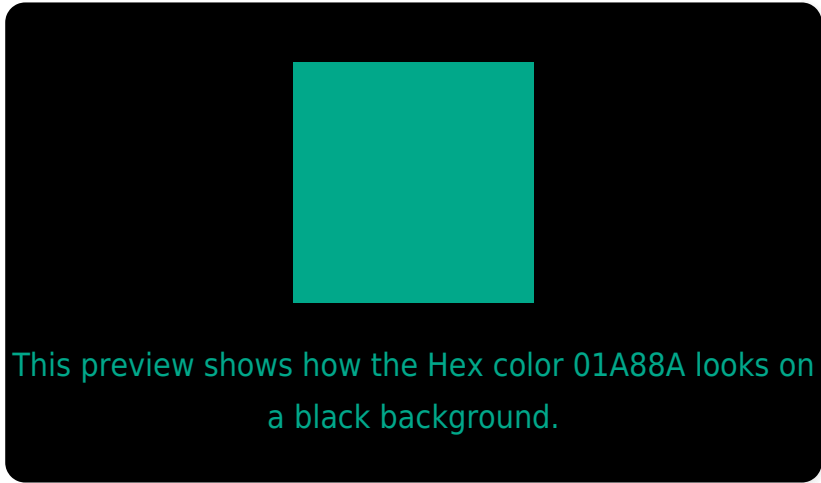
Large Text (above 18pt) WCAG AA ✓ Pass

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

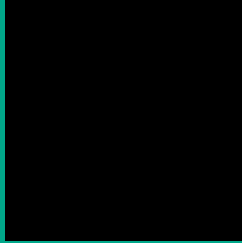
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 01A88A Background



This preview shows how black text looks on a background with the Hex color 01A88A.

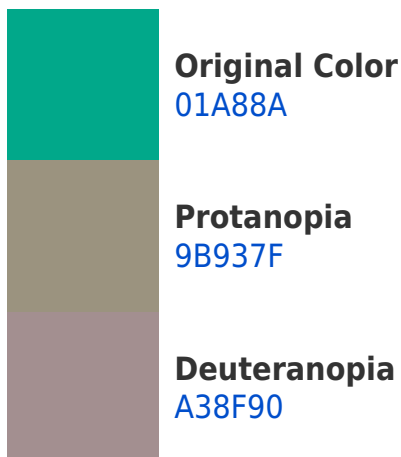


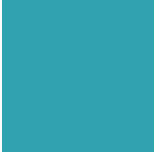
This preview shows how white text looks on a background with the Hex color 01A88A.

# 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**  
31A3B0

# Trichromacy



**Original Color**  
01A88A



**Protanomaly**  
639B83



**Deuteranomaly**  
68988E



**Tritanomaly**  
20A5A2

# Monochromacy



**Original Color**  
01A88A



**Achromatopsia**  
737373



**Achromatomaly**  
4A867B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01A88A 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 #01A88A looks like.

```
.text, #text, p{  
    color:#01A88A  
}
```

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 #01A88A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01A88A
}
```

## Border

The CSS property to change the border of an element to Hex 01A88A 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
#01A88A }
```

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

```
.border{ border-color:#01A88A }
```

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

Here you see how a box with a 4 pixel #01A88A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01A88A; -webkit-box-shadow:4px 4px  
4px 4px #01A88A; box-shadow:4px 4px 4px  
4px #01A88A }
```

# Background

The CSS property to change the background color of an element to Hex 01A88A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01A88A }
```

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

```
.background{ background-color:#01A88A }
```

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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