

# Converting Colors

Hex(00A88A)

Have a look what the booklet for  
Hex(00A88A) contains.

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# Color

**Hex(00A88A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00A88A
RGB	0, 168, 138
RGB Percent	0%, 66%, 54%
CMY	1.0000, 0.3412, 0.4588
CMYK	1.00, 0.00, 0.18, 0.34
HSL	169°, 100%, 33%
HSV	169°, 100%, 66%
XYZ	18.5901, 29.8402, 28.8247
YIQ	114.3480, -90.4980, -44.9460

# Conversions

## Conversions Part 2

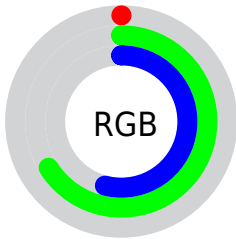
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 168
Decimal	43146
CIELab	61.52, -43.89, 5.23
CIElCh	62, 44.196, 173.205
Yxy	29.8402, 0.2406, 0.3863
Android (android.graphics.Color)	4278233226 (0xFF00A88A)
YUV	114.3480, 11.6604, -100.2832
Hunter-Lab	54.6262, -34.8498, 6.9527

# Details

The Hex color **00A88A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A8001E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5CE0BF**, 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 **11A88D**.

# Distribution



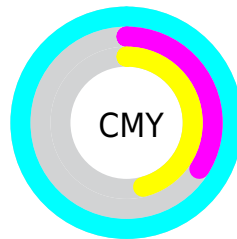
- Red (0%)
- Green (66%)
- Blue (54%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A88A 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 00A88A by changing the saturation by 10% instead.



 00A88A

 00A88A

FFFFFF

 008D71

 5CE0BF

 007358

 7BFDDB

 005941

 99FFF8

 00412B

 B7FFF8

 002B16


 D5FFF8

 000A00

 F4FFF8

 000000

 00A88A

 11A88D

 22A890

 32A893

 43A896

 54A899

 65A89C

 76A89F

 86A8A2

 97A8A5

# Harmonies

## Analogous

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



5FA464



00A88A



00A8B2

# Triad

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



00A88A



8A8EDC



D08157

# Complementary

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



00A88A



A8001E

# 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



00A88A



BD7FC4

# Square

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



00A88A



379BE2



D9759F



B48F45

# Rectangle

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



00A88A



00A6C9



D9759F



D77D61



# Sweetspot

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



00A88A



9ADBD0



1FA800



466E67



EDEDED



6E6E6E



# Same Dimension

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



00A88A



00DBB4



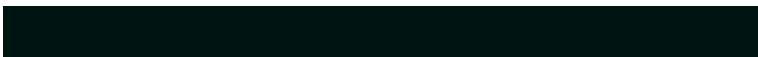
0073A8



4C5453



009479



001411



# Inverse Universe

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



A8001E



DB0027



A83500



544C4D



94001A



140004



# Previews

## White Background



This preview shows how the Hex color 00A88A looks on a white background.

## Color Contrast Check

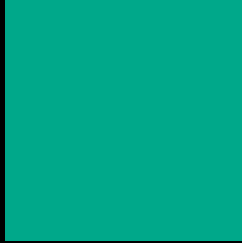
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A88A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

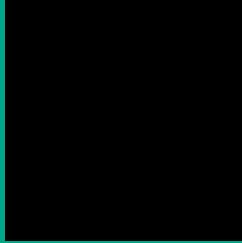
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A88A Background



This preview shows how black text looks on a background with the Hex color 00A88A.

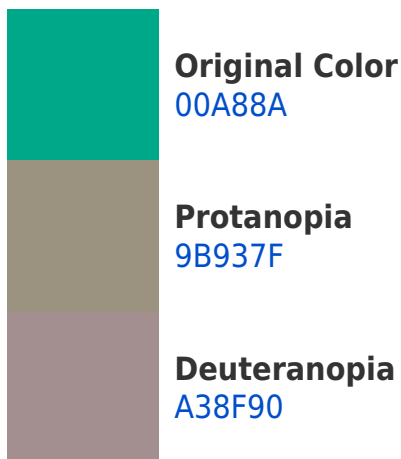


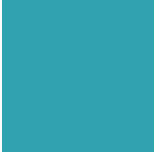
This preview shows how white text looks on a background with the Hex color 00A88A.

# 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**  
00A88A



**Protanomaly**  
639B83



**Deuteranomaly**  
68988E



**Tritanomaly**  
1FA5A2

# Monochromacy



**Original Color**  
00A88A



**Achromatopsia**  
727272



**Achromatomaly**  
49867B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A88A 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 #00A88A looks like.

```
.text, #text, p{  
    color:#00A88A  
}
```

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 #00A88A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A88A
}
```

## Border

The CSS property to change the border of an element to Hex 00A88A 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
#00A88A }
```

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

```
.border{ border-color:#00A88A }
```

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

Here you see how a box with a 4 pixel #00A88A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A88A; -webkit-box-shadow:4px 4px  
4px 4px #00A88A; box-shadow:4px 4px 4px  
4px #00A88A }
```

# Background

The CSS property to change the background color of an element to Hex 00A88A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A88A }
```

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

```
.background{ background-color:#00A88A }
```

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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