

Converting Colors

Hex(00A189)

Have a look what the booklet for
Hex(00A189) contains.

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Color

Hex(00A189)

Conversions

Conversions Part 1

Format	Color
Hex	00A189
RGB	0, 161, 137
RGB Percent	0%, 63%, 54%
CMY	1.0000, 0.3686, 0.4627
CMYK	1.00, 0.00, 0.15, 0.37
HSL	171°, 100%, 32%
HSV	171°, 100%, 63%
XYZ	17.2602, 27.2959, 28.0258
YIQ	110.1250, -88.2520, -41.5960

Conversions

Conversions Part 2

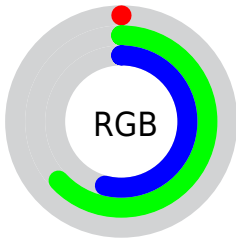
Format	Color
RYB	0, 87, 161
Decimal	41353
CIELab	59.25, -41.20, 2.51
CIELCh	59, 41.275, 176.508
Yxy	27.2959, 0.2378, 0.3761
Android (android.graphics.Color)	4278231433 (0xFF00A189)
YUV	110.1250, 13.2494, -96.5796
Hunter-Lab	52.2455, -32.4589, 4.7671

Details

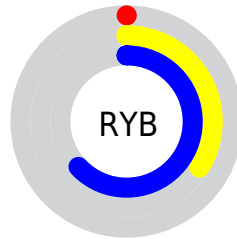
The Hex color **00A189** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10018**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BD9BE**, and **006C57** is the 20% darker color. If you saturate the color by 10%, you get **00A189**, and if you desaturate by 10%, it is **10A18B**.

Distribution



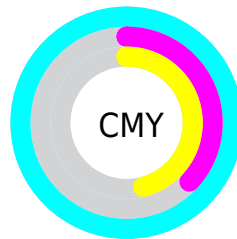
- Red (0%)
- Green (63%)
- Blue (54%)



- Red (0%)
- Yellow (34%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A189 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 00A189 by changing the saturation by 10% instead.

 00A189

 00A189

FFFFFF

 008670

 5BD9BE

 006C57

 79F5DA

 005340

 97FFF7

 003B2A

 B5FFF7

 002616

 D3FFF7

 000000

 F1FFF7

 00A189

 10A18B

 20A18E

 30A190

 40A193

 51A195

 61A197

 71A19A

 81A19C

 91A19F

Harmonies

Analogous

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



589D65



00A189



00A1AE

Triad

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



00A189



8B87D0



C47E53

Complementary

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



00A189



A10018

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.



D37370



00A189



B879B7

Square

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



00A189



4794D7



CF7194



A88B45

Rectangle

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



00A189



009EC2



CF7194



CB7A5C

Sweetspot

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



00A189



92D1C8



18A100



436963



E8E8E8



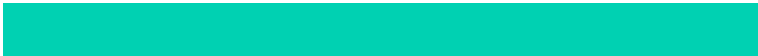
696969

Same Dimension

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



00A189



00D1B2



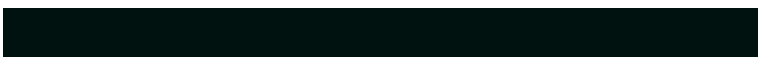
0069A1



495250



00917C



00120F

Inverse Universe

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



A10018



D1001F



A13800



52494B



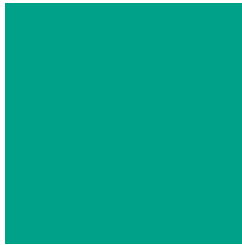
910016



120003

Previews

White Background



This preview shows how the Hex color 00A189 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 00A189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

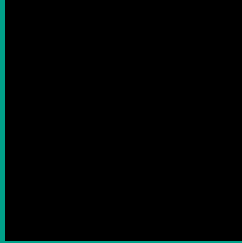
Any Text WCAG AA ✓ Pass

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 00A189 Background



This preview shows how black text looks on a background with the Hex color 00A189.

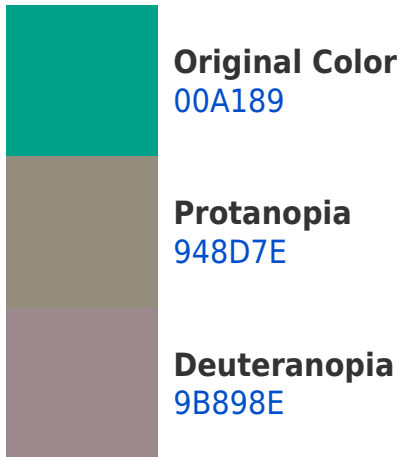


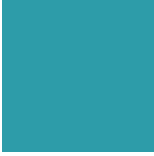
This preview shows how white text looks on a background with the Hex color 00A189.

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
2D9CA9

Trichromacy



Original Color
00A189



Protanomaly
5E9482



Deuteranomaly
63928C



Tritanomaly
1D9E9D

Monochromacy



Original Color
00A189



Achromatopsia
6E6E6E



Achromatomaly
468178

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A189 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 #00A189 looks like.

```
.text, #text, p{  
    color:#00A189  
}
```

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 #00A189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A189
}
```

Border

The CSS property to change the border of an element to Hex 00A189 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
#00A189 }
```

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

```
.border{ border-color:#00A189 }
```

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

Here you see how a box with a 4 pixel #00A189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A189; -webkit-box-shadow:4px 4px  
4px 4px #00A189; box-shadow:4px 4px 4px  
4px #00A189 }
```

Background

The CSS property to change the background color of an element to Hex 00A189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A189 }
```

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

```
.background{ background-color:#00A189 }
```

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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