

Converting Colors

Hex(00A199)

Have a look what the booklet for
Hex(00A199) contains.

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Color

Hex(00A199)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A199 |
| RGB | 0, 161, 153 |
| RGB Percent | 0%, 63%, 60% |
| CMY | 1.0000, 0.3686, 0.4000 |
| CMYK | 1.00, 0.00, 0.05, 0.37 |
| HSL | 177°, 100%, 32% |
| HSV | 177°, 100%, 63% |
| XYZ | 18.4946, 27.7896, 34.5262 |
| YIQ | 111.9490, -93.3880, -36.6200 |

Conversions

Conversions Part 2

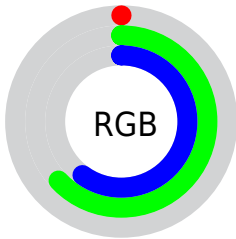
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 83, 161 |
| Decimal | 41369 |
| CIELab | 59.70, -36.55, -5.87 |
| CIELCh | 60, 37.015, 189.122 |
| Yxy | 27.7896, 0.2289, 0.3439 |
| Android (android.graphics.Color) | 4278231449 (0xFF00A199) |
| YUV | 111.9490, 20.2381, -98.1793 |
| Hunter-Lab | 52.7159, -29.6285, -1.9307 |

Details

The Hex color **00A199** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10008**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5CD8CF**, and **006D66** is the 20% darker color. If you saturate the color by 10%, you get **00A199**, and if you desaturate by 10%, it is **10A19A**.

Distribution



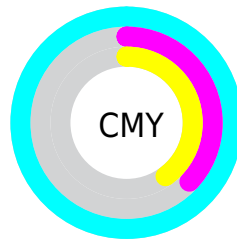
- Red (0%)
- Green (63%)
- Blue (60%)



- Red (0%)
- Yellow (33%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A199 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 00A199 by changing the saturation by 10% instead.

 00A199

 00A199

FFFFFF

 00867F

 5CD8CF

 006D66

 7BF5EB

 00544E

 99FFFF

 003C37

 B7FFFF

 002722

 D5FFFF

 00010D

 F3FFFF

 000000

 00A199

 10A19A

 20A19B


 30A19B

 40A19C

 51A19D

 61A19E

 71A19F

 81A19F

 91A1A0

Harmonies

Analogous

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



4D9F78



00A199



009FB8

Triad

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



00A199



A084C2



B88653

Complementary

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



00A199



A10008

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.



CA7B68



00A199



C079A8

Square

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



00A199



6F90D0



CE7687



9B914E

Rectangle

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



00A199



009CC7



CE7687



BF8259

Sweetspot

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



00A199



92D1CE



08A100



436967



E8E8E8



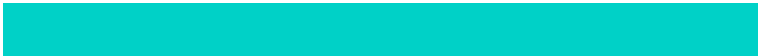
696969

Same Dimension

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



00A199



00D1C7



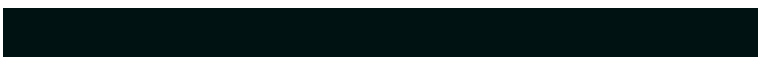
0059A1



495251



00918A



001211

Inverse Universe

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



A10008



D1000A



A14800



52494A



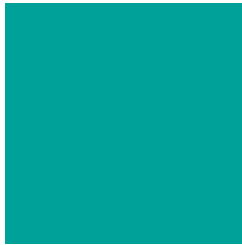
910007



120001

Previews

White Background



This preview shows how the Hex color 00A199 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 00A199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

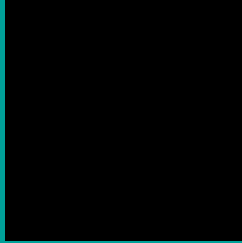
Any Text WCAG AA ✓ Pass

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 00A199 Background



This preview shows how black text looks on a background with the Hex color 00A199.

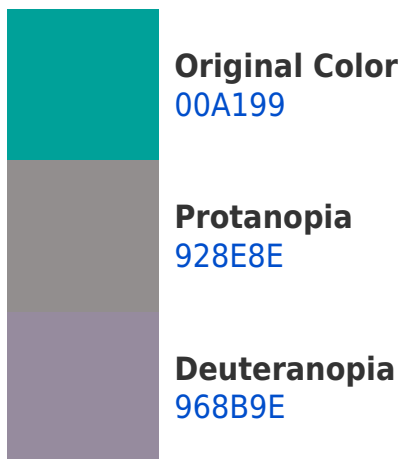


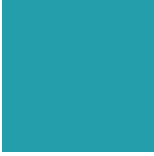
This preview shows how white text looks on a background with the Hex color 00A199.

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
249EAB

Trichromacy



Original Color
00A199



Protanomaly
5D9592



Deuteranomaly
5F939C



Tritanomaly
179FA4

Monochromacy



Original Color
00A199



Achromatopsia
707070



Achromatomaly
47827F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A199 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 #00A199 looks like.

```
.text, #text, p{  
    color:#00A199  
}
```

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 #00A199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A199
}
```

Border

The CSS property to change the border of an element to Hex 00A199 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
#00A199 }
```

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

```
.border{ border-color:#00A199 }
```

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

Here you see how a box with a 4 pixel #00A199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A199; -webkit-box-shadow:4px 4px  
4px 4px #00A199; box-shadow:4px 4px 4px  
4px #00A199 }
```

Background

The CSS property to change the background color of an element to Hex 00A199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A199 }
```

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

```
.background{ background-color:#00A199 }
```

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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