

# Converting Colors

Hex(00A998)

Have a look what the booklet for  
Hex(00A998) contains.

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**Color**

**Hex(00A998)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A998
RGB	0, 169, 152
RGB Percent	0%, 66%, 60%
CMY	1.0000, 0.3373, 0.4039
CMYK	1.00, 0.00, 0.10, 0.34
HSL	174°, 100%, 33%
HSV	174°, 100%, 66%
XYZ	19.8555, 30.6429, 34.5739
YIQ	116.5310, -95.2670, -41.1150

# Conversions

## Conversions Part 2

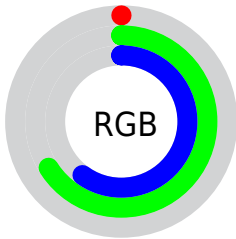
Format	Color
<a href="#">RYB</a>	<a href="#">0, 89, 169</a>
Decimal	<a href="#">43416</a>
CIELab	<a href="#">62.21, -40.41, -1.61</a>
CIELCh	<a href="#">62, 40.446, 182.280</a>
Yxy	<a href="#">30.6429, 0.2334, 0.3602</a>
Android (android.graphics.Color)	<a href="#">4278233496 (0xFF00A998)</a>
YUV	<a href="#">116.5310, 17.4862, -102.1977</a>
Hunter-Lab	<a href="#">55.3561, -32.8476, 1.7183</a>

# Details

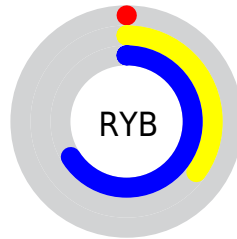
The Hex color **00A998** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90011**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5EE1CE**, and **007465** is the 20% darker color. If you saturate the color by 10%, you get **00A998**, and if you desaturate by 10%, it is **11A99A**.

# Distribution



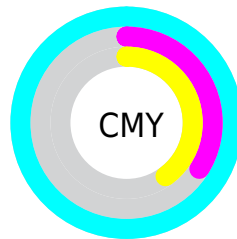
- Red (0%)
- Green (66%)
- Blue (60%)



- Red (0%)
- Yellow (35%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A998 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 00A998 by changing the saturation by 10% instead.



 00A998

 00A998

FFFFFF

 008E7E

 5EE1CE

 007465

 7DFEEA

 005B4D

 9BFFFF

 004237

 B9FFFF

 002C21


 D7FFFF

 000F0B

 F6FFFF

 000000

 00A998

 11A99A

 22A99B

 33A99D

 44A99F

 54A9A0

 65A9A2

 76A9A4

 87A9A6

 98A9A7

# Harmonies

## Analogous

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



58A674



00A998



00A8BC

# Triad

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



00A998



9D8CD3



C78857

# Complementary

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



00A998



A90011

# 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.



D97D72



00A998



C57FB8

# Square

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



00A998



6299DE



D97995



AA954D

# Rectangle

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



00A998



00A5CE



D97995



CF845F



# Sweetspot

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



00A998



9ADBD5



14A900



466E6A



EDEDED



6E6E6E



# Same Dimension

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



00A998



00DBC5



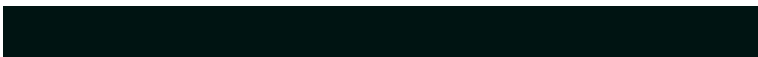
0068A9



4C5453



009485



001412



# Inverse Universe

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



A90011



DB0016



A94100



544C4D



94000F



140002



# Previews

## White Background



This preview shows how the Hex color 00A998 looks on a white background.

## Color Contrast Check

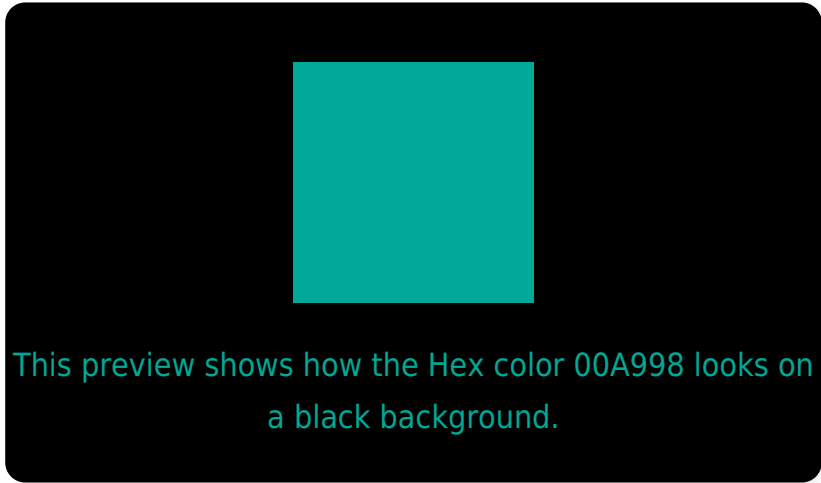
Large Text (above 18pt) WCAG AA × Fail

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

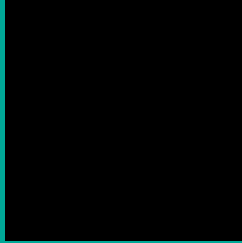
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00A998 Background



This preview shows how black text looks on a background with the Hex color 00A998.

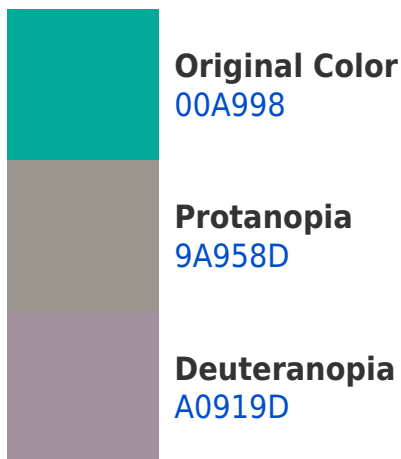


This preview shows how white text looks on a background with the Hex color 00A998.

# 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**  
2BA5B3

# Trichromacy



**Original Color**  
00A998



**Protanomaly**  
629C91



**Deuteranomaly**  
669A9B



**Tritanomaly**  
1BA6A9

# Monochromacy



**Original Color**  
00A998



**Achromatopsia**  
757575



**Achromatomaly**  
4A8882

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A998 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 #00A998 looks like.

```
.text, #text, p{  
    color:#00A998  
}
```

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 #00A998 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A998
}
```

## Border

The CSS property to change the border of an element to Hex 00A998 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
#00A998 }
```

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

```
.border{ border-color:#00A998 }
```

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

Here you see how a box with a 4 pixel #00A998 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A998; -webkit-box-shadow:4px 4px  
4px 4px #00A998; box-shadow:4px 4px 4px  
4px #00A998 }
```

# Background

The CSS property to change the background color of an element to Hex 00A998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A998 }
```

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

```
.background{ background-color:#00A998 }
```

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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