

Converting Colors

Hex(00A98C)

Have a look what the booklet for
Hex(00A98C) contains.

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Color

Hex(00A98C)

Conversions

Conversions Part 1

Format	Color
Hex	00A98C
RGB	0, 169, 140
RGB Percent	0%, 66%, 55%
CMY	1.0000, 0.3373, 0.4510
CMYK	1.00, 0.00, 0.17, 0.34
HSL	170°, 100%, 33%
HSV	170°, 100%, 66%
XYZ	18.9216, 30.2694, 29.6562
YIQ	115.1630, -91.4150, -44.8470

Conversions

Conversions Part 2

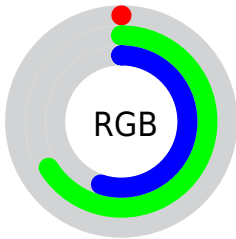
Format	Color
RYB	0, 92, 169
Decimal	43404
CIELab	61.89, -43.76, 4.64
CIElCh	62, 44.010, 173.944
Yxy	30.2694, 0.2400, 0.3839
Android (android.graphics.Color)	4278233484 (0xFF00A98C)
YUV	115.1630, 12.2446, -100.9980
Hunter-Lab	55.0176, -34.8913, 6.5531

Details

The Hex color **00A98C** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A9001D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DE1C1**, and **00745A** is the 20% darker color. If you saturate the color by 10%, you get **00A98C**, and if you desaturate by 10%, it is **11A98F**.

Distribution



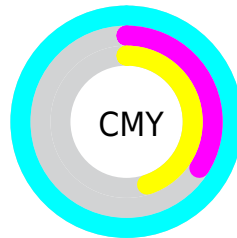
- Red (0%)
- Green (66%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A98C 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 00A98C by changing the saturation by 10% instead.

 00A98C

 00A98C

FFFFFF

 008E73

 5DE1C1

 00745A

 7CFEDD

 005A43

 9AFFFA

 00422D

 B8FFFF

 002C18


 D6FFFF

 000D00

 F4FFFF

 000000

 00A98C

 11A98F

 22A992

 33A995

 44A998

 54A99B

 65A99D

 76A9A0

 87A9A3

 98A9A6

Harmonies

Analogous

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



5FA566



00A98C



00A9B4

Triad

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



00A98C



8C8EDD



D18258

Complementary

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



00A98C



A9001D

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.



DF7778



00A98C



BE7FC4

Square

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



00A98C



3C9CE3



DA769F



B49146

Rectangle

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



00A98C



00A7CB



DA769F



D77E61

Sweetspot

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



00A98C



9ADBD0



1FA900



466E67



EDEDED



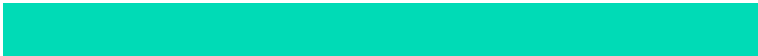
6E6E6E

Same Dimension

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



00A98C



00DBB6



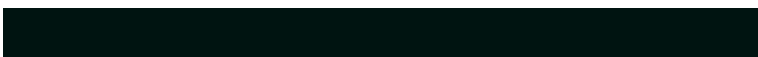
0073A9



4C5453



00947B



001411

Inverse Universe

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



A9001D



DB0026



A93600



544C4D



940019



140004

Previews

White Background



This preview shows how the Hex color 00A98C looks on a white background.

Color Contrast Check

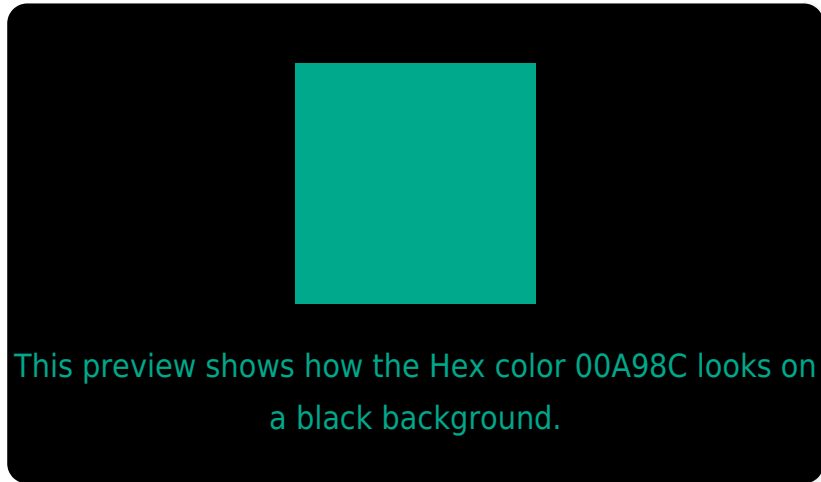
Large Text (above 18pt) WCAG AA × Fail

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

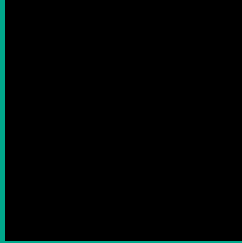
Any Text WCAG AA ✓ Pass

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 00A98C Background



This preview shows how black text looks on a background with the Hex color 00A98C.

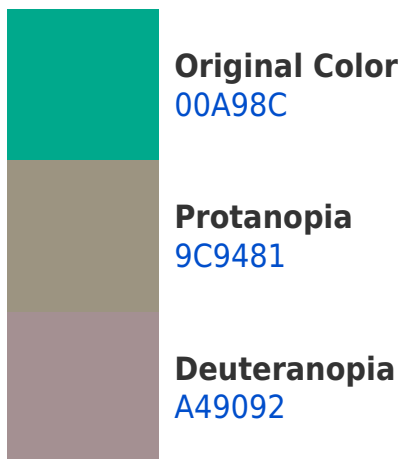


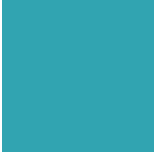
This preview shows how white text looks on a background with the Hex color 00A98C.

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
31A4B1

Trichromacy



Original Color
00A98C



Protanomaly
639C85



Deuteranomaly
689990



Tritanomaly
1FA6A4

Monochromacy



Original Color
00A98C



Achromatopsia
737373



Achromatomaly
49877C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A98C 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 #00A98C looks like.

```
.text, #text, p{  
    color:#00A98C  
}
```

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 #00A98C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A98C
}
```

Border

The CSS property to change the border of an element to Hex 00A98C 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
#00A98C }
```

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

```
.border{ border-color:#00A98C }
```

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

Here you see how a box with a 4 pixel #00A98C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A98C; -webkit-box-shadow:4px 4px  
4px 4px #00A98C; box-shadow:4px 4px 4px  
4px #00A98C }
```

Background

The CSS property to change the background color of an element to Hex 00A98C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A98C }
```

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

```
.background{ background-color:#00A98C }
```

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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