

Converting Colors

Hex(00A98F)

Have a look what the booklet for
Hex(00A98F) contains.

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Color

Hex(00A98F)

Conversions

Conversions Part 1

Format	Color
Hex	00A98F
RGB	0, 169, 143
RGB Percent	0%, 66%, 56%
CMY	1.0000, 0.3373, 0.4392
CMYK	1.00, 0.00, 0.15, 0.34
HSL	171°, 100%, 33%
HSV	171°, 100%, 66%
XYZ	19.1459, 30.3591, 30.8374
YIQ	115.5050, -92.3780, -43.9140

Conversions

Conversions Part 2

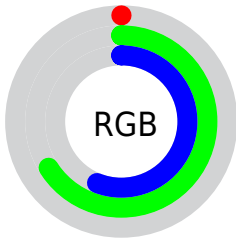
Format	Color
RYB	0, 92, 169
Decimal	43407
CIELab	61.96, -42.95, 3.08
CIELCh	62, 43.057, 175.902
Yxy	30.3591, 0.2383, 0.3779
Android (android.graphics.Color)	4278233487 (0xFF00A98F)
YUV	115.5050, 13.5550, -101.2979
Hunter-Lab	55.0991, -34.3980, 5.3864

Details

The Hex color **00A98F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A9001A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DE1C5**, and **00745D** is the 20% darker color. If you saturate the color by 10%, you get **00A98F**, and if you desaturate by 10%, it is **11A992**.

Distribution



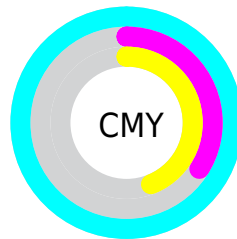
- Red (0%)
- Green (66%)
- Blue (56%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A98F 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 00A98F by changing the saturation by 10% instead.

 00A98F

 00A98F

FFFFFF

 008E75

 5DE1C5

 00745D

 7CFEE1

 005A45

 9AFFFD

 00422F

 B8FFF

 002C1A


 D6FFF

 000D00

 F5FFF

 000000

 00A98F

 11A992

 22A994

 33A997

 44A999

 54A99C

 65A99F

 76A9A1

 87A9A4

 98A9A6

Harmonies

Analogous

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



5DA569



00A98F



00A9B6

Triad

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



00A98F



918EDA



CE8458

Complementary

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



00A98F



A9001A

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.



DD7976



00A98F



C07FC1

Square

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



00A98F



489BE1



DA779D



B19248

Rectangle

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



00A98F



00A6CB



DA779D



D58061

Sweetspot

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



00A98F



9ADBD1



1CA900



466E68



EDEDED



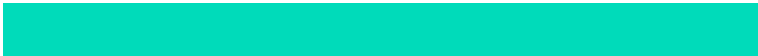
6E6E6E

Same Dimension

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



00A98F



00DBBA



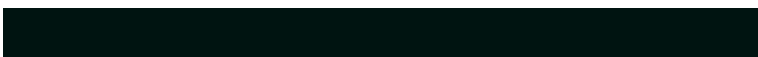
0071A9



4C5453



00947D



001411

Inverse Universe

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



A9001A



DB0022



A93800



544C4D



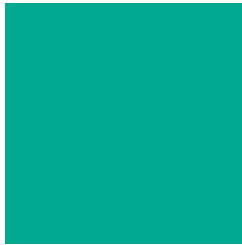
940017



140003

Previews

White Background



This preview shows how the Hex color 00A98F looks on a white background.

Color Contrast Check

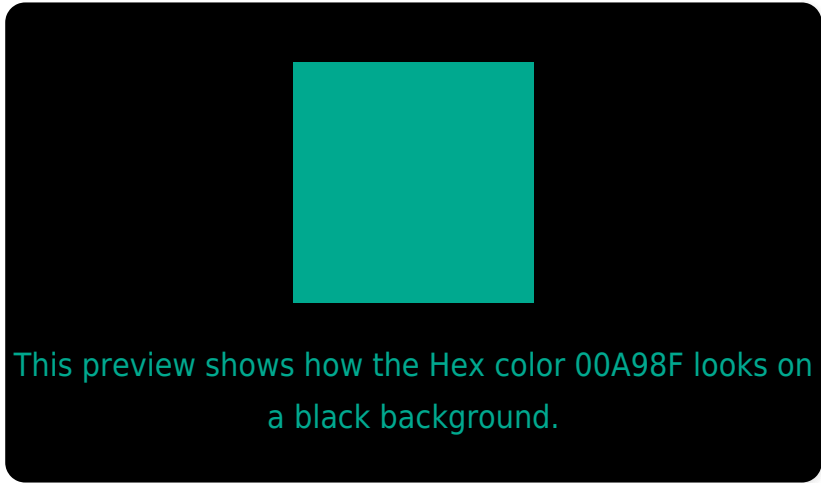
Large Text (above 18pt) WCAG AA × Fail

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

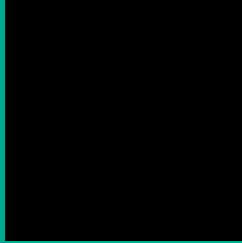
Any Text WCAG AA ✓ Pass

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 00A98F Background



This preview shows how black text looks on a background with the Hex color 00A98F.

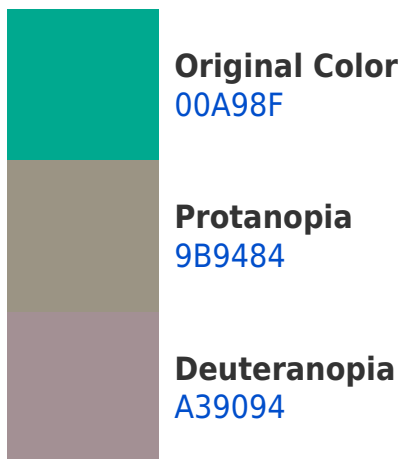


This preview shows how white text looks on a background with the Hex color 00A98F.

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
30A4B1

Trichromacy



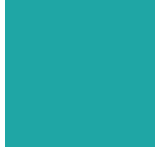
Original Color
00A98F



Protanomaly
639C88



Deuteranomaly
689992



Tritanomaly
1FA6A5

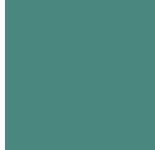
Monochromacy



Original Color
00A98F



Achromatopsia
747474



Achromatomaly
4A877E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A98F 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 #00A98F looks like.

```
.text, #text, p{  
    color:#00A98F  
}
```

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 #00A98F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A98F
}
```

Border

The CSS property to change the border of an element to Hex 00A98F 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
#00A98F }
```

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

```
.border{ border-color:#00A98F }
```

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

Here you see how a box with a 4 pixel #00A98F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A98F; -webkit-box-shadow:4px 4px  
4px 4px #00A98F; box-shadow:4px 4px 4px  
4px #00A98F }
```

Background

The CSS property to change the background color of an element to Hex 00A98F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A98F }
```

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

```
.background{ background-color:#00A98F }
```

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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