

Converting Colors

Hex(00A9A3)

Have a look what the booklet for Hex(00A9A3) contains.

Hex(00A9A3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A9A3)

Conversions

Conversions Part 1

Format	Color
Hex	00A9A3
RGB	0, 169, 163
RGB Percent	0%, 66%, 64%
CMY	1.0000, 0.3373, 0.3608
CMYK	1.00, 0.00, 0.04, 0.34
HSL	178°, 100%, 33%
HSV	178°, 100%, 66%
XYZ	20.7988, 31.0203, 39.5416
YIQ	117.7850, -98.7980, -37.6940

Conversions

Conversions Part 2

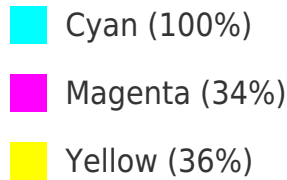
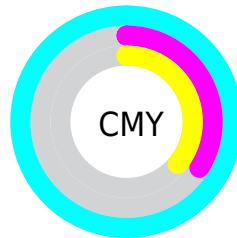
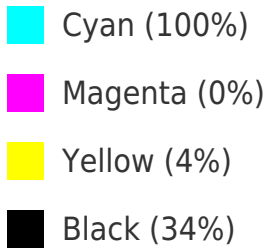
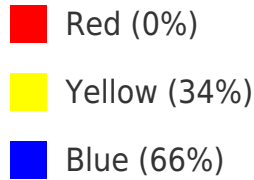
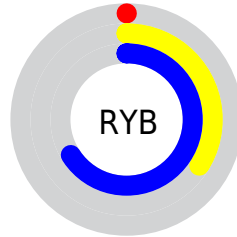
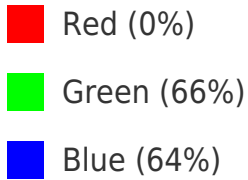
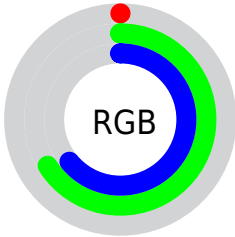
Format	Color
RYB	0, 86, 169
Decimal	43427
CIELab	62.52, -37.17, -7.30
CIElCh	63, 37.876, 191.117
Yxy	31.0203, 0.2277, 0.3395
Android (android.graphics.Color)	4278233507 (0xFF00A9A3)
YUV	117.7850, 22.2910, -103.2974
Hunter-Lab	55.6959, -30.8094, -3.1062

Details

The Hex color **00A9A3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90006**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE1DA**, and **00746F** is the 20% darker color. If you saturate the color by 10%, you get **00A9A3**, and if you desaturate by 10%, it is **11A9A4**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 00A9A3 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 00A9A3 by changing the saturation by 10% instead.

 00A9A3

 00A9A3

FFFFFF

 008E89

 5FE1DA

 00746F

 7EFEF6

 005B57

 9DFFFF

 004240

 BBFFFF

 002C2A


 D9FFFF

 001116

 F8FFFF

 000000

 00A9A3

 11A9A4

 22A9A4

 33A9A5

 44A9A5

 54A9A6

 65A9A7

 76A9A7

 87A9A8

 98A9A8

Harmonies

Analogous

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



50A780



00A9A3



00A7C2

Triad

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



00A9A3



AB8ACA



BF8E58

Complementary

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



00A9A3



A90006

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.



D3836D



00A9A3



CB7FAE

Square

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



00A9A3



7A96D9



D87C8C



A09954

Rectangle

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



00A9A3



14A3D1



D87C8C



C78A5D

Sweetspot

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



00A9A3



9ADBD9



08A900



466E6C



EDEDED



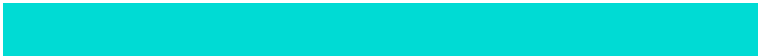
6E6E6E

Same Dimension

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



00A9A3



00DBD4



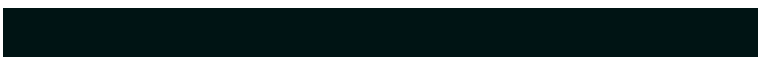
005DA9



4C5454



00948F



001414

Inverse Universe

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



A90006



DB0008



A94C00



544C4C



940005



140001

Previews

White Background



This preview shows how the Hex color 00A9A3 looks on a white background.

Color Contrast Check

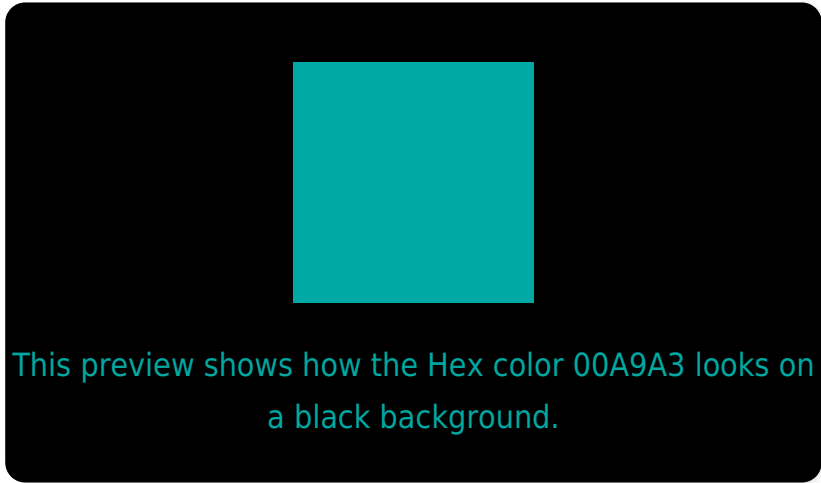
Large Text (above 18pt) WCAG AA × Fail

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

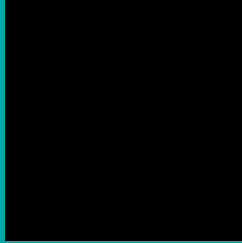
Any Text WCAG AA ✓ Pass

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 00A9A3 Background



This preview shows how black text looks on a background with the Hex color 00A9A3.

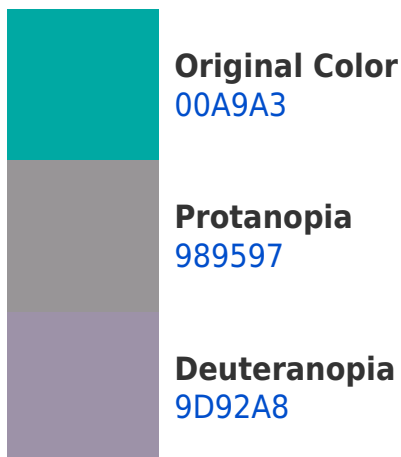


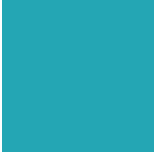
This preview shows how white text looks on a background with the Hex color 00A9A3.

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
24A6B4

Trichromacy



Original Color
00A9A3



Protanomaly
619C9B



Deuteranomaly
649AA6



Tritanomaly
17A7AE

Monochromacy



Original Color
00A9A3



Achromatopsia
767676



Achromatomaly
4B8986

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9A3 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 #00A9A3 looks like.

```
.text, #text, p{  
    color:#00A9A3  
}
```

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 #00A9A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9A3
}
```

Border

The CSS property to change the border of an element to Hex 00A9A3 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
#00A9A3 }
```

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

```
.border{ border-color:#00A9A3 }
```

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

Here you see how a box with a 4 pixel #00A9A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9A3; -webkit-box-shadow:4px 4px  
4px 4px #00A9A3; box-shadow:4px 4px 4px  
4px #00A9A3 }
```

Background

The CSS property to change the background color of an element to Hex 00A9A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9A3 }
```

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

```
.background{ background-color:#00A9A3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor