

Converting Colors

Hex(00A9A4)

Have a look what the booklet for
Hex(00A9A4) contains.

Hex(00A9A4)	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(00A9A4)

Conversions

Conversions Part 1

Format	Color
Hex	00A9A4
RGB	0, 169, 164
RGB Percent	0%, 66%, 64%
CMY	1.0000, 0.3373, 0.3569
CMYK	1.00, 0.00, 0.03, 0.34
HSL	178°, 100%, 33%
HSV	178°, 100%, 66%
XYZ	20.8888, 31.0563, 40.0155
YIQ	117.8990, -99.1190, -37.3830

Conversions

Conversions Part 2

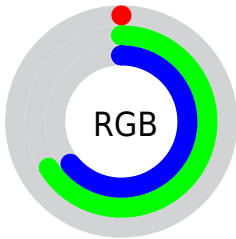
Format	Color
RYB	0, 86, 169
Decimal	43428
CIELab	62.56, -36.86, -7.82
CIELCh	63, 37.683, 191.975
Yxy	31.0563, 0.2271, 0.3377
Android (android.graphics.Color)	4278233508 (0xFF00A9A4)
YUV	117.8990, 22.7278, -103.3974
Hunter-Lab	55.7282, -30.6164, -3.5633

Details

The Hex color **00A9A4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90005**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE1DB**, and **007470** is the 20% darker color. If you saturate the color by 10%, you get **00A9A4**, and if you desaturate by 10%, it is **11A9A4**.

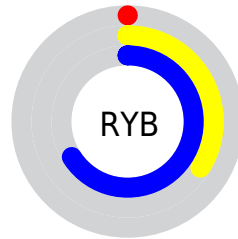
Distribution



Red (0%)

Green (66%)

Blue (64%)



Red (0%)

Yellow (34%)

Blue (66%)

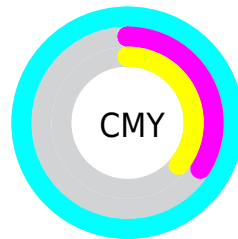


Cyan (100%)

Magenta (0%)

Yellow (3%)

Black (34%)



Cyan (100%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A9A4 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 00A9A4 by changing the saturation by 10% instead.

 00A9A4

 00A9A4

FFFFFF

 008E8A

 5FE1DB

 007470

 7FFEF7

 005B58

 9DFFFF

 004241

 BBFFFF

 002C2B


 D9FFFF

 001117

 F8FFFF

 000000

 00A9A4

 11A9A4

 22A9A5

 33A9A5

 44A9A6

 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.



4FA781



00A9A4



00A7C3

Triad

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



00A9A4



AC8AC9



BE8E58

Complementary

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



00A9A4



A90005

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.



D2836C



00A9A4



CB7FAD

Square

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



00A9A4



7C96D8



D87D8B



A09A55

Rectangle

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



00A9A4



1BA3D2



D87D8B



C68A5D

Sweetspot

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



00A9A4



9ADBD9



06A900



466E6C



EDEDED



6E6E6E

Same Dimension

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



00A9A4



00DBD5



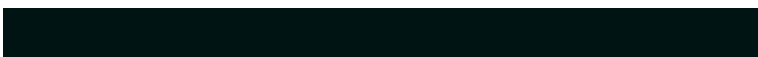
005AA9



4C5454



009490



001414

Inverse Universe

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



A90005



DB0006



A94F00



544C4C



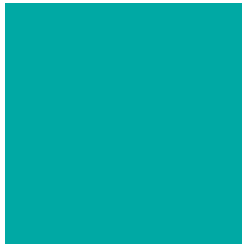
940004



140001

Previews

White Background



This preview shows how the Hex color 00A9A4 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



This preview shows how the Hex color 00A9A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

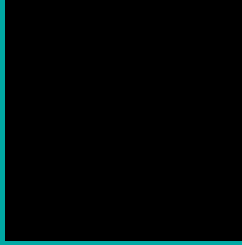
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 00A9A4 Background



This preview shows how black text looks on a background with the Hex color 00A9A4.

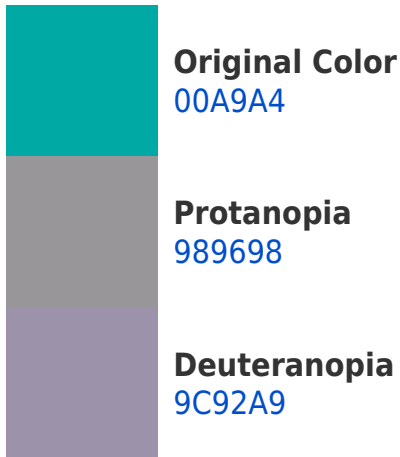


This preview shows how white text looks on a background with the Hex color 00A9A4.

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
23A7B4

Trichromacy



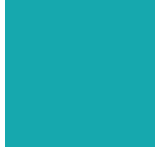
Original Color
00A9A4



Protanomaly
619D9C



Deuteranomaly
639AA7



Tritanomaly
16A8AE

Monochromacy



Original Color
00A9A4



Achromatopsia
767676



Achromatomaly
4B8987

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9A4 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 #00A9A4 looks like.

```
.text, #text, p{  
    color:#00A9A4  
}
```

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 #00A9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9A4
}
```

Border

The CSS property to change the border of an element to Hex 00A9A4 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
#00A9A4 }
```

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

```
.border{ border-color:#00A9A4 }
```

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

Here you see how a box with a 4 pixel #00A9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9A4; -webkit-box-shadow:4px 4px  
4px 4px #00A9A4; box-shadow:4px 4px 4px  
4px #00A9A4 }
```

Background

The CSS property to change the background color of an element to Hex 00A9A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9A4 }
```

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

```
.background{ background-color:#00A9A4 }
```

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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