

Converting Colors

Hex(00A9A2)

Have a look what the booklet for
Hex(00A9A2) contains.

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Color

Hex(00A9A2)

Conversions

Conversions Part 1

Format	Color
Hex	00A9A2
RGB	0, 169, 162
RGB Percent	0%, 66%, 64%
CMY	1.0000, 0.3373, 0.3647
CMYK	1.00, 0.00, 0.04, 0.34
HSL	178°, 100%, 33%
HSV	178°, 100%, 66%
XYZ	20.7096, 30.9846, 39.0715
YIQ	117.6710, -98.4770, -38.0050

Conversions

Conversions Part 2

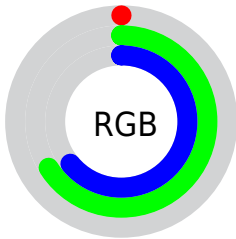
Format	Color
RYB	0, 86, 169
Decimal	43426
CIELab	62.49, -37.47, -6.79
CIELCh	62, 38.077, 190.268
Yxy	30.9846, 0.2282, 0.3414
Android (android.graphics.Color)	4278233506 (0xFF00A9A2)
YUV	117.6710, 21.8542, -103.1975
Hunter-Lab	55.6638, -31.0012, -2.6522

Details

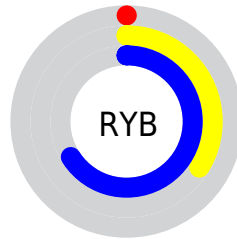
The Hex color **00A9A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90007**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE1D9**, and **00746F** is the 20% darker color. If you saturate the color by 10%, you get **00A9A2**, and if you desaturate by 10%, it is **11A9A3**.

Distribution



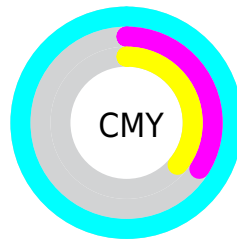
- Red (0%)
- Green (66%)
- Blue (64%)



- Red (0%)
- Yellow (34%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A9A2 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 00A9A2 by changing the saturation by 10% instead.

 00A9A2

 00A9A2

FFFFFF

 008E88

 5FE1D9

 00746F

 7EFEF5

 005B56

 9DFFFF

 00423F

 BBFFFF

 002C29


 D9FFFF

 001115

 F8FFFF

 000000

 00A9A2

 11A9A3

 22A9A3

 33A9A4

 44A9A5

 54A9A5

 65A9A6

 76A9A7

 87A9A8

 98A9A8

Harmonies

Analogous

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



50A77F



00A9A2



00A7C2

Triad

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



00A9A2



AA8ACB



C08D58

Complementary

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



00A9A2



A90007

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.



D3826D



00A9A2



CA7FAF

Square

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



00A9A2



7897D9



D87C8D



A19953

Rectangle

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



00A9A2



0AA3D1



D87C8D



C8895D

Sweetspot

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



00A9A2



9ADBD9



08A900



466E6C



EDEDED



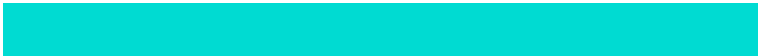
6E6E6E

Same Dimension

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



00A9A2



00DBD2



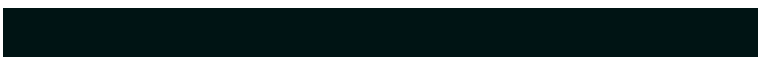
005DA9



4C5454



00948E



001414

Inverse Universe

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



A90007



DB0009



A94C00



544C4C



940006



140001

Previews

White Background



This preview shows how the Hex color 00A9A2 looks on a white background.

Color Contrast Check

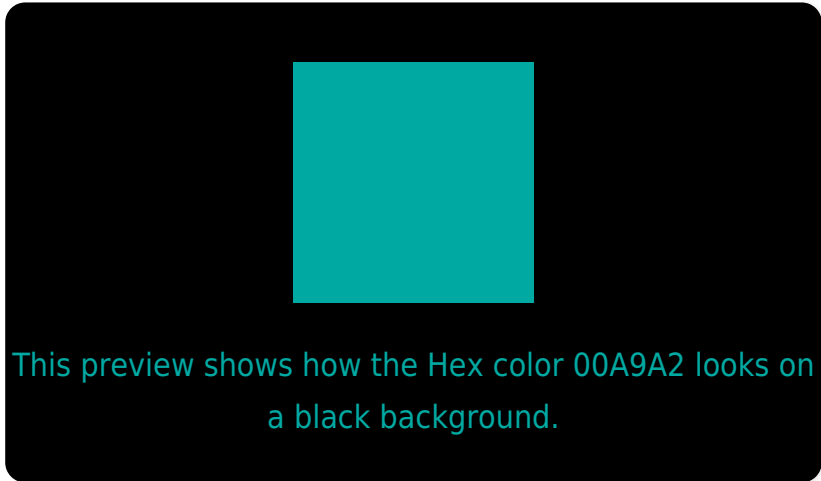
Large Text (above 18pt) WCAG AA × Fail

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

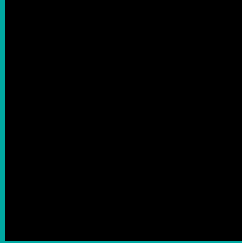
Any Text WCAG AA ✓ Pass

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 00A9A2 Background



This preview shows how black text looks on a background with the Hex color 00A9A2.

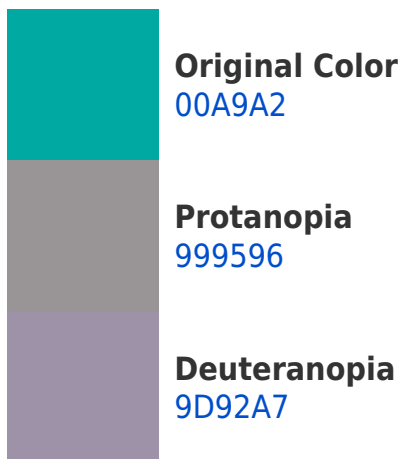


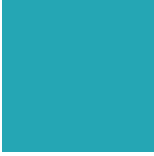
This preview shows how white text looks on a background with the Hex color 00A9A2.

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
25A6B4

Trichromacy



Original Color
00A9A2



Protanomaly
619C9A



Deuteranomaly
649AA5



Tritanomaly
18A7AD

Monochromacy



Original Color
00A9A2



Achromatopsia
767676



Achromatomaly
4B8986

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9A2 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 #00A9A2 looks like.

```
.text, #text, p{  
    color:#00A9A2  
}
```

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 #00A9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9A2
}
```

Border

The CSS property to change the border of an element to Hex 00A9A2 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
#00A9A2 }
```

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

```
.border{ border-color:#00A9A2 }
```

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

Here you see how a box with a 4 pixel #00A9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9A2; -webkit-box-shadow:4px 4px  
4px 4px #00A9A2; box-shadow:4px 4px 4px  
4px #00A9A2 }
```

Background

The CSS property to change the background color of an element to Hex 00A9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9A2 }
```

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

```
.background{ background-color:#00A9A2 }
```

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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