

Converting Colors

Hex(00A0A9)

Have a look what the booklet for
Hex(00A0A9) contains.

Hex(00A0A9)	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(00A0A9)

Conversions

Conversions Part 1

Format	Color
Hex	00A0A9
RGB	0, 160, 169
RGB Percent	0%, 63%, 66%
CMY	1.0000, 0.3725, 0.3373
CMYK	1.00, 0.05, 0.00, 0.34
HSL	183°, 100%, 33%
HSV	183°, 100%, 66%
XYZ	19.7322, 28.0062, 41.9019
YIQ	113.1860, -98.2490, -31.1210

Conversions

Conversions Part 2

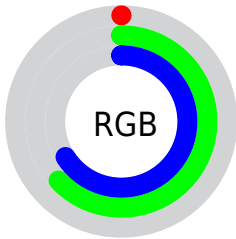
Format	Color
RYB	0, 82, 169
Decimal	41129
CIELab	59.89, -31.07, -14.62
CIELCh	60, 34.338, 205.204
Yxy	28.0062, 0.2201, 0.3124
Android (android.graphics.Color)	4278231209 (0xFF00A0A9)
YUV	113.1860, 27.5163, -99.2641
Hunter-Lab	52.9209, -26.0555, -9.9002

Details

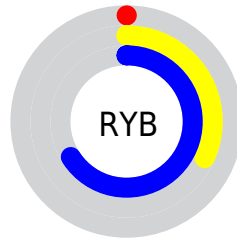
The Hex color **00A0A9** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90900**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5ED7E0**, and **006C75** is the 20% darker color. If you saturate the color by 10%, you get **00A0A9**, and if you desaturate by 10%, it is **11A1A9**.

Distribution



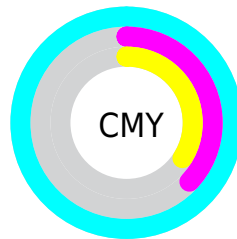
- Red (0%)
- Green (63%)
- Blue (66%)



- Red (0%)
- Yellow (32%)
- Blue (66%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0A9 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 00A0A9 by changing the saturation by 10% instead.

 00A0A9

 00A0A9

FFFFFF

 00868F

 5ED7E0

 006C75

 7DF4FD

 00535C

 9CFFFF

 003B45

 BAFFFF

 00262E


 D8FFFF

 00011B

 F7FFFF

 000000

 00A0A9

 11A1A9

 22A2A9

 33A3A9

 44A4A9

 54A5A9

 65A5A9

 76A6A9

 87A7A9

 98A8A9

Harmonies

Analogous

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



3DA08A



00A0A9



1E9CC1

Triad

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



00A0A9



B280B3



A88D54

Complementary

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



00A0A9



A90900

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.



BF8260



00A0A9



C77996

Square

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



00A0A9



8D8AC7



CB7A78



8A9658

Rectangle

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



00A0A9



4898CA



CB7A78



B18956

Sweetspot

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



00A0A9



9AD8DB



00A908



466C6E



EDEDED



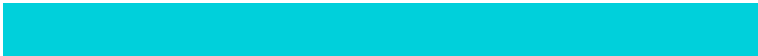
6E6E6E

Same Dimension

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



00A0A9



00D0DB



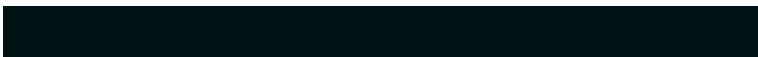
004CA9



4C5454



008C94



001314

Inverse Universe

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



A900A0



DB00D0



A95D00



544C54



94008C



140013

Previews

White Background



This preview shows how the Hex color 00A0A9 looks on a white background.

Color Contrast Check

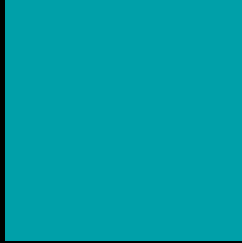
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A0A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

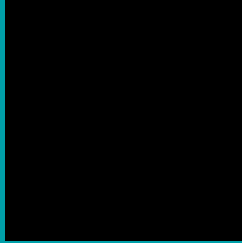
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 00A0A9 Background



This preview shows how black text looks on a background with the Hex color 00A0A9.

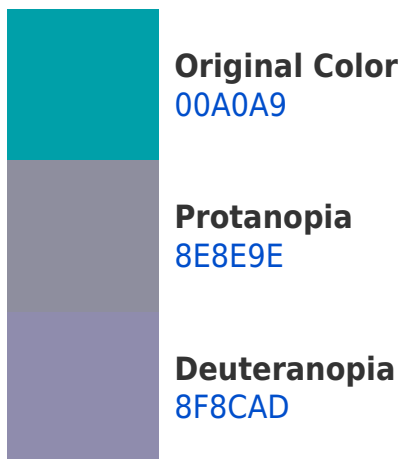


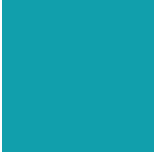
This preview shows how white text looks on a background with the Hex color 00A0A9.

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





Trichromacy



Original Color
00A0A9



Protanomaly
5A95A2



Deuteranomaly
5B93AC



Tritanomaly
0B9FAB

Monochromacy



Original Color
00A0A9



Achromatopsia
717171



Achromatomaly
488285

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0A9 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 #00A0A9 looks like.

```
.text, #text, p{  
    color:#00A0A9  
}
```

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 #00A0A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0A9
}
```

Border

The CSS property to change the border of an element to Hex 00A0A9 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
#00A0A9 }
```

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

```
.border{ border-color:#00A0A9 }
```

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

Here you see how a box with a 4 pixel #00A0A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0A9; -webkit-box-shadow:4px 4px  
4px 4px #00A0A9; box-shadow:4px 4px 4px  
4px #00A0A9 }
```

Background

The CSS property to change the background color of an element to Hex 00A0A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0A9 }
```

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

```
.background{ background-color:#00A0A9 }
```

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