

Converting Colors

Hex(00A9B4)

Have a look what the booklet for
Hex(00A9B4) contains.

Hex(00A9B4)	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(00A9B4)

Conversions

Conversions Part 1

Format	Color
Hex	00A9B4
RGB	0, 169, 180
RGB Percent	0%, 66%, 71%
CMY	1.0000, 0.3373, 0.2941
CMYK	1.00, 0.06, 0.00, 0.29
HSL	184°, 100%, 35%
HSV	184°, 100%, 71%
XYZ	22.4262, 31.6712, 48.1112
YIQ	119.7230, -104.2550, -32.4070

Conversions

Conversions Part 2

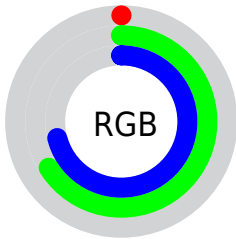
Format	Color
RYB	0, 87, 180
Decimal	43444
CIELab	63.07, -31.86, -16.00
CIELCh	63, 35.649, 206.675
Yxy	31.6712, 0.2194, 0.3099
Android (android.graphics.Color)	4278233524 (0xFF00A9B4)
YUV	119.7230, 29.7166, -104.9971
Hunter-Lab	56.2772, -27.3537, -11.2928

Details

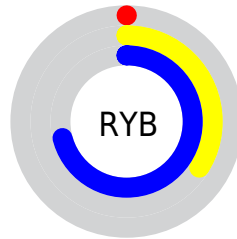
The Hex color **00A9B4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B40B00**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **61E1EC**, and **00747F** is the 20% darker color. If you saturate the color by 10%, you get **00A9B4**, and if you desaturate by 10%, it is **12AAB4**.

Distribution



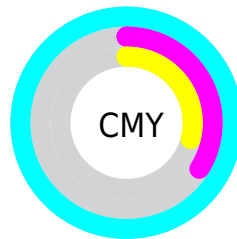
- Red (0%)
- Green (66%)
- Blue (71%)



- Red (0%)
- Yellow (34%)
- Blue (71%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A9B4 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 00A9B4 by changing the saturation by 10% instead.

 00A9B4

 00A9B4

FFFFFF

 008E99

 61E1EC

 00747F

 81FEFF

 005B66

 A0FFFF

 00434E

 BEFFFF

 002C37

 DDFFFF

 001422

 FBFFFF

 00000A

 000000

 00A9B4

 12AAB4

 24ABB4

 36ACB4

 48ADB4

 5AAFB4

 6CB0B4

 7EB1B4

 90B2B4

 A2B3B4

Harmonies

Analogous

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



3FA994



00A9B4



25A5CD

Triad

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



00A9B4



BD87BC



B19659

Complementary

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



00A9B4



B40B00

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.



C98A65



00A9B4



D2809D

Square

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



00A9B4



9792D1



D6827E



909F5F

Rectangle

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



00A9B4



50A0D6



D6827E



BA925B

Sweetspot

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



00A9B4



A4E6EB



00B409



4B7375



F5F5F5



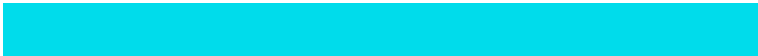
757575

Same Dimension

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



00A9B4



00DCEB



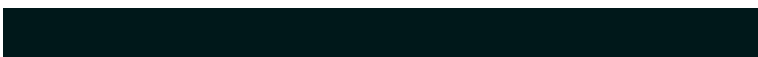
0051B4



505959



009099



00181A

Inverse Universe

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



B400A9



EB00DC



B46300



595059



990090



1A0018

Previews

White Background



This preview shows how the Hex color 00A9B4 looks on a white background.

Color Contrast Check

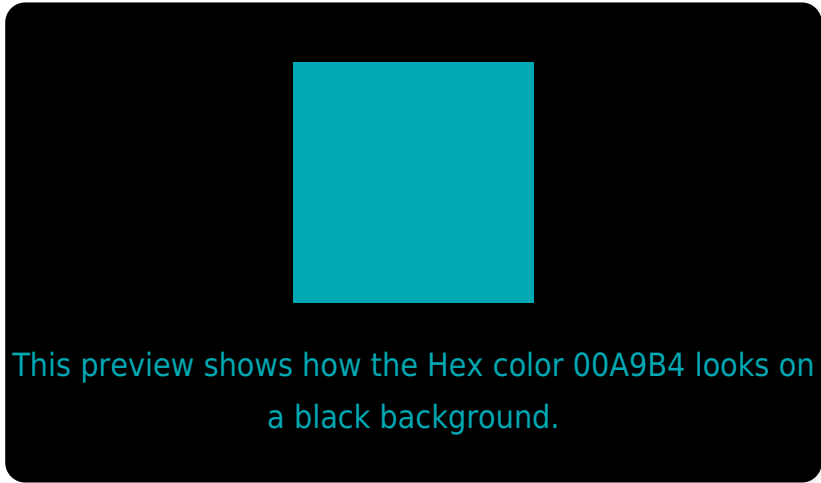
Large Text (above 18pt) WCAG AA × Fail

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

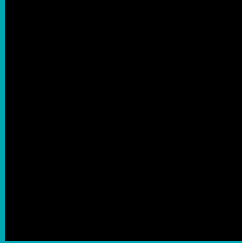
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

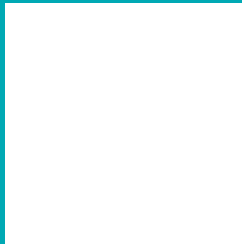
Any Text WCAG AAA ✓ Pass

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

Hex 00A9B4 Background



This preview shows how black text looks on a background with the Hex color 00A9B4.

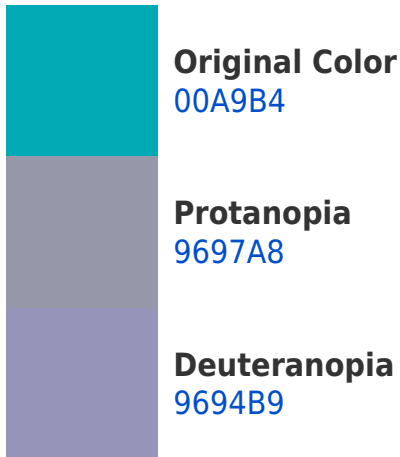


This preview shows how white text looks on a background with the Hex color 00A9B4.

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
0FA9B6

Trichromacy



Original Color
00A9B4



Protanomaly
5F9EAC



Deuteranomaly
5F9CB7



Tritanomaly
0AA9B5

Monochromacy



Original Color
00A9B4



Achromatopsia
787878



Achromatomaly
4C8A8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A9B4 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 #00A9B4 looks like.

```
.text, #text, p{  
    color:#00A9B4  
}
```

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 #00A9B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A9B4
}
```

Border

The CSS property to change the border of an element to Hex 00A9B4 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
#00A9B4 }
```

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

```
.border{ border-color:#00A9B4 }
```

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

Here you see how a box with a 4 pixel #00A9B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A9B4; -webkit-box-shadow:4px 4px  
4px 4px #00A9B4; box-shadow:4px 4px 4px  
4px #00A9B4 }
```

Background

The CSS property to change the background color of an element to Hex 00A9B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A9B4 }
```

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

```
.background{ background-color:#00A9B4 }
```

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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