

Converting Colors

Hex(00A4B3)

Have a look what the booklet for
Hex(00A4B3) contains.

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Color

Hex(00A4B3)

Conversions

Conversions Part 1

Format	Color
Hex	00A4B3
RGB	0, 164, 179
RGB Percent	0%, 64%, 70%
CMY	1.0000, 0.3569, 0.2980
CMYK	1.00, 0.08, 0.00, 0.30
HSL	185°, 100%, 35%
HSV	185°, 100%, 70%
XYZ	21.4121, 29.8056, 47.2723
YIQ	116.6740, -102.5590, -30.1030

Conversions

Conversions Part 2

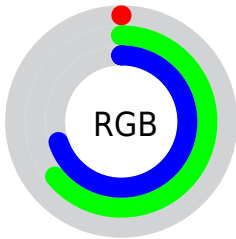
Format	Color
RYB	0, 86, 179
Decimal	42163
CIELab	61.49, -29.76, -17.85
CIELCh	61, 34.697, 210.952
Yxy	29.8056, 0.2174, 0.3026
Android (android.graphics.Color)	4278232243 (0xFF00A4B3)
YUV	116.6740, 30.7267, -102.3231
Hunter-Lab	54.5945, -25.5321, -13.1219

Details

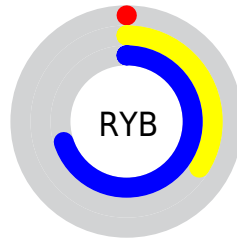
The Hex color **00A4B3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B30F00**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **60DBEB**, and **00707E** is the 20% darker color. If you saturate the color by 10%, you get **00A4B3**, and if you desaturate by 10%, it is **12A6B3**.

Distribution



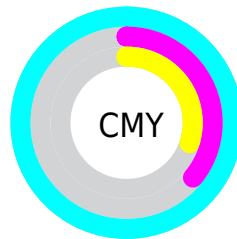
- Red (0%)
- Green (64%)
- Blue (70%)



- Red (0%)
- Yellow (34%)
- Blue (70%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A4B3 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 00A4B3 by changing the saturation by 10% instead.

00A4B3

00A4B3

FFFFFF

008998

60DBEB

00707E

80F8FF

005765

9FFFFFF

003F4D

BDFFFF

002936

DBFFFF

000C21

FAFFFF

000008

000000

00A4B3

 12A6B3

 24A7B3

 36A9B3

 48AAB3

 5AACB3

 6BADB3

 7DAEB3

 8FB0B3

 A1B2B3

Harmonies

Analogous

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



37A594



00A4B3



2F9FC9

Triad

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



00A4B3



BC82B3



A89356

Complementary

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



00A4B3



B30F00

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.



C18860



00A4B3



CE7C95

Square

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



00A4B3



998CC9



CF7F76



889C5F

Rectangle

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



00A4B3



579AD1



CF7F76



B18F58

Sweetspot

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



00A4B3



A2E2E8



00B30F



4B7275



F5F5F5



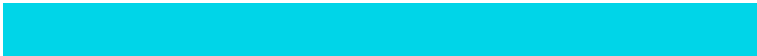
757575

Same Dimension

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



00A4B3



00D5E8



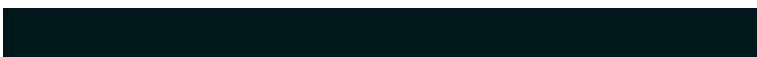
004BB3



505959



008C99



00171A

Inverse Universe

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



B300A4



E800D5



B36800



595059



99008C



1A0017

Previews

White Background



This preview shows how the Hex color 00A4B3 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 00A4B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

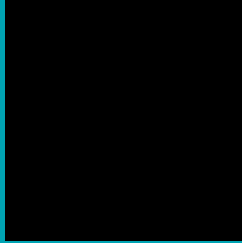
Any Text WCAG AA ✓ Pass

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 00A4B3 Background



This preview shows how black text looks on a background with the Hex color 00A4B3.

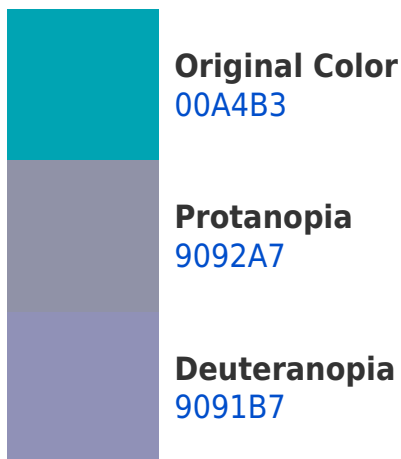


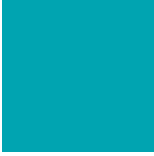
This preview shows how white text looks on a background with the Hex color 00A4B3.

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
00A4B1

Trichromacy



Original Color
00A4B3



Protanomaly
5C99AB



Deuteranomaly
5C98B6



Tritanomaly
00A4B2

Monochromacy



Original Color
00A4B3



Achromatopsia
757575



Achromatomaly
4A868C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A4B3 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 #00A4B3 looks like.

```
.text, #text, p{  
    color:#00A4B3  
}
```

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 #00A4B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4B3
}
```

Border

The CSS property to change the border of an element to Hex 00A4B3 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
#00A4B3 }
```

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

```
.border{ border-color:#00A4B3 }
```

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

Here you see how a box with a 4 pixel #00A4B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4B3; -webkit-box-shadow:4px 4px  
4px 4px #00A4B3; box-shadow:4px 4px 4px  
4px #00A4B3 }
```

Background

The CSS property to change the background color of an element to Hex 00A4B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4B3 }
```

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

```
.background{ background-color:#00A4B3 }
```

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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