

Converting Colors

Hex(00A8B3)

Have a look what the booklet for
Hex(00A8B3) contains.

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Color

Hex(00A8B3)

Conversions

Conversions Part 1

Format	Color
Hex	00A8B3
RGB	0, 168, 179
RGB Percent	0%, 66%, 70%
CMY	1.0000, 0.3412, 0.2980
CMYK	1.00, 0.06, 0.00, 0.30
HSL	184°, 100%, 35%
HSV	184°, 100%, 70%
XYZ	22.1393, 31.2599, 47.5147
YIQ	119.0220, -103.6590, -32.1950

Conversions

Conversions Part 2

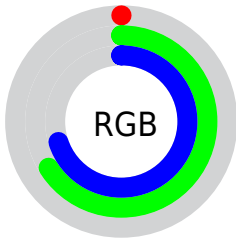
Format	Color
RYB	0, 87, 179
Decimal	43187
CIELab	62.73, -31.70, -15.96
CIELCh	63, 35.490, 206.734
Yxy	31.2599, 0.2194, 0.3098
Android (android.graphics.Color)	4278233267 (0xFF00A8B3)
YUV	119.0220, 29.5692, -104.3823
Hunter-Lab	55.9106, -27.1616, -11.2493

Details

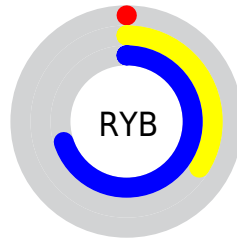
The Hex color **00A8B3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B30B00**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **61E0EB**, and **00737E** is the 20% darker color. If you saturate the color by 10%, you get **00A8B3**, and if you desaturate by 10%, it is **12A9B3**.

Distribution



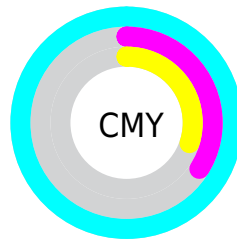
- Red (0%)
- Green (66%)
- Blue (70%)



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



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A8B3 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 00A8B3 by changing the saturation by 10% instead.

 00A8B3

 00A8B3

FFFFFF

 008D98

 61E0EB

 00737E

 81FCFF

 005A65

 9FFFFFFF

 00424D

 BEFFFF

 002B37

 DCFFFF

 001321

 FBFFFF

 000008

 000000

 00A8B3

 12A9B3

 24AAB3

 36ABB3

 48ACB3

 5AADB3

 6BAFB3

 7DB0B3

 8FB1B3

 A1B2B3

Harmonies

Analogous

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



3EA893



00A8B3



25A4CC

Triad

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



00A8B3



BC86BB



AF9558

Complementary

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



00A8B3



B30B00

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.



C88A64



00A8B3



D17F9C

Square

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



00A8B3



9691D0



D4817D



8F9E5E

Rectangle

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



00A8B3



509FD5



D4817D



B9915A

Sweetspot

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



00A8B3



A2E4E8



00B309



4B7375



F5F5F5



757575

Same Dimension

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



00A8B3



00DAE8



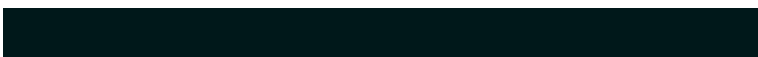
0051B3



505959



009099



00181A

Inverse Universe

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



B300A8



E800DA



B36200



595059



990090



1A0018

Previews

White Background



This preview shows how the Hex color 00A8B3 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 00A8B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

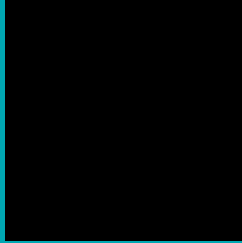
Any Text WCAG AA ✓ Pass

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 00A8B3 Background



This preview shows how black text looks on a background with the Hex color 00A8B3.

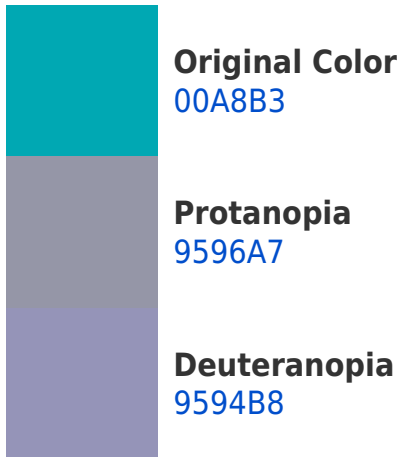


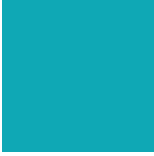
This preview shows how white text looks on a background with the Hex color 00A8B3.

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
0FA8B5

Trichromacy



Original Color
00A8B3



Protanomaly
5F9DAB



Deuteranomaly
5F9BB6



Tritanomaly
0AA8B4

Monochromacy



Original Color
00A8B3



Achromatopsia
777777



Achromatomaly
4C898D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A8B3 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 #00A8B3 looks like.

```
.text, #text, p{  
    color:#00A8B3  
}
```

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 #00A8B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A8B3  
}
```

Border

The CSS property to change the border of an element to Hex 00A8B3 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  
#00A8B3 }
```

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

```
.border{ border-color:#00A8B3 }
```

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

Here you see how a box with a 4 pixel #00A8B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A8B3; -webkit-box-shadow:4px 4px  
4px 4px #00A8B3; box-shadow:4px 4px 4px  
4px #00A8B3 }
```

Background

The CSS property to change the background color of an element to Hex 00A8B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A8B3 }
```

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

```
.background{ background-color:#00A8B3 }
```

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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