

Converting Colors

Hex(00A0B3)

Have a look what the booklet for
Hex(00A0B3) contains.

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Color

Hex(00A0B3)

Conversions

Conversions Part 1

Format	Color
Hex	00A0B3
RGB	0, 160, 179
RGB Percent	0%, 63%, 70%
CMY	1.0000, 0.3725, 0.2980
CMYK	1.00, 0.11, 0.00, 0.30
HSL	186°, 100%, 35%
HSV	186°, 100%, 70%
XYZ	20.7075, 28.3963, 47.0375
YIQ	114.3260, -101.4590, -28.0110

Conversions

Conversions Part 2

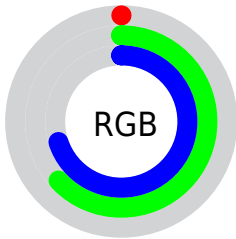
Format	Color
RYB	0, 84, 179
Decimal	41139
CIELab	60.25, -27.78, -19.73
CIELCh	60, 34.077, 215.387
Yxy	28.3963, 0.2154, 0.2954
Android (android.graphics.Color)	4278231219 (0xFF00A0B3)
YUV	114.3260, 31.8843, -100.2639
Hunter-Lab	53.2882, -23.8902, -15.0336

Details

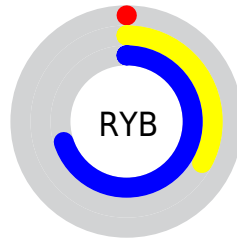
The Hex color **00A0B3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B31300**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **60D7EB**, and **006C7E** is the 20% darker color. If you saturate the color by 10%, you get **00A0B3**, and if you desaturate by 10%, it is **12A2B3**.

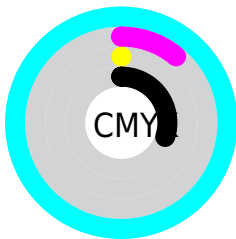
Distribution



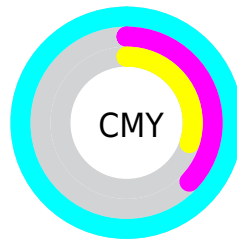
- Red (0%)
- Green (63%)
- Blue (70%)



- Red (0%)
- Yellow (33%)
- Blue (70%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (37%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A0B3 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 00A0B3 by changing the saturation by 10% instead.

 00A0B3

 00A0B3

FFFFFF

 008698

 60D7EB

 006C7E

 7FF4FF

 005365

 9EFFFF

 003C4D

 BCFFFF

 002636

 DAFFFF

 000422

 F9FFFF

 000007

 000000

 00A0B3

 12A2B3

 24A4B3

 36A6B3

 48A8B3

 5AAAB3

 6BABB3

 7DADB3

 8FAFB3

 A1B1B3

Harmonies

Analogous

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



2FA196



00A0B3



379BC7

Triad

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



00A0B3



BB7EAB



A09155

Complementary

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



00A0B3



B31300

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.



B9875B



00A0B3



CB7A8D

Square

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



00A0B3



9C87C2



C97E70



809A5F

Rectangle

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



00A0B3



5D96CD



C97E70



A98E55

Sweetspot

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



00A0B3



A2E1E8



00B312



4B7175



F5F5F5



757575

Same Dimension

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



00A0B3



00CFE8



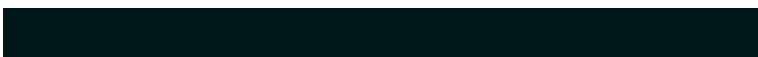
0048B3



505859



008999



00171A

Inverse Universe

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



B300A0



E800CF



B36B00



595058



990089



1A0017

Previews

White Background



This preview shows how the Hex color 00A0B3 looks on a white background.

Color Contrast Check

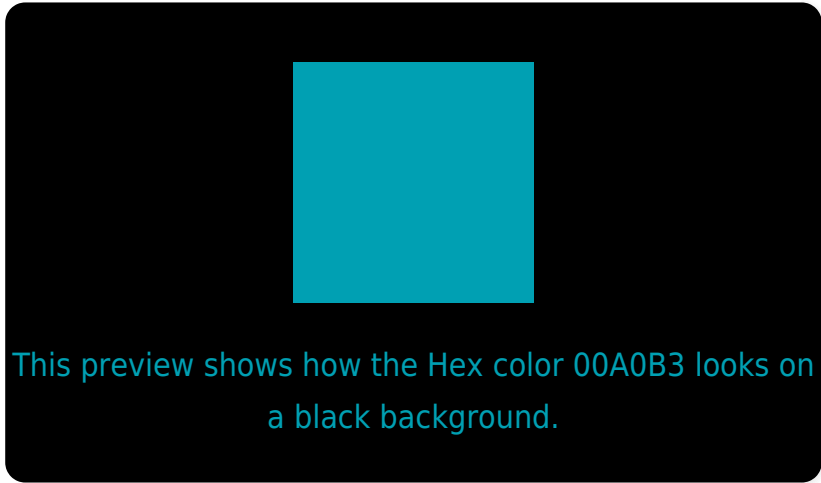
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

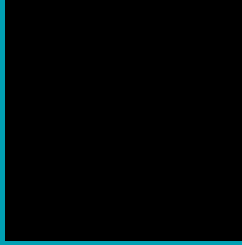
Any Text WCAG AA ✓ Pass

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 00A0B3 Background



This preview shows how black text looks on a background with the Hex color 00A0B3.

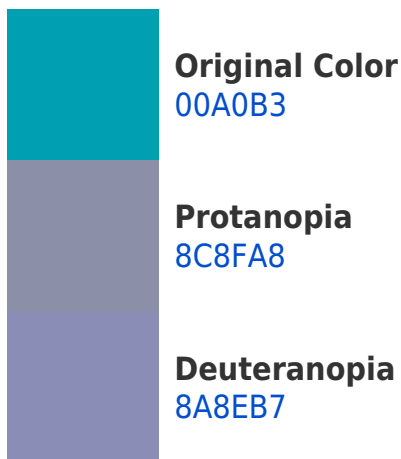


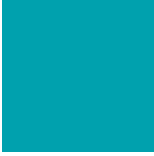
This preview shows how white text looks on a background with the Hex color 00A0B3.

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



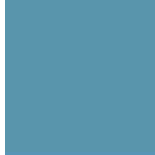


Tritanopia
00A1AE

Trichromacy



Original Color
00A0B3



Protanomaly
5995AC



Deuteranomaly
5895B6



Tritanomaly
00A1B0

Monochromacy



Original Color
00A0B3



Achromatopsia
727272



Achromatomaly
49838A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A0B3 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 #00A0B3 looks like.

```
.text, #text, p{  
    color:#00A0B3  
}
```

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 #00A0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A0B3  
}
```

Border

The CSS property to change the border of an element to Hex 00A0B3 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  
#00A0B3 }
```

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

```
.border{ border-color:#00A0B3 }
```

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

Here you see how a box with a 4 pixel #00A0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A0B3; -webkit-box-shadow:4px 4px  
4px 4px #00A0B3; box-shadow:4px 4px 4px  
4px #00A0B3 }
```

Background

The CSS property to change the background color of an element to Hex 00A0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A0B3 }
```

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

```
.background{ background-color:#00A0B3 }
```

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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