

Converting Colors

Hex(00A3AE)

Have a look what the booklet for
Hex(00A3AE) contains.

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Color

Hex(00A3AE)

Conversions

Conversions Part 1

Format	Color
Hex	00A3AE
RGB	0, 163, 174
RGB Percent	0%, 64%, 68%
CMY	1.0000, 0.3608, 0.3176
CMYK	1.00, 0.06, 0.00, 0.32
HSL	184°, 100%, 34%
HSV	184°, 100%, 68%
XYZ	20.7372, 29.2504, 44.5973
YIQ	115.5170, -100.6790, -31.1350

Conversions

Conversions Part 2

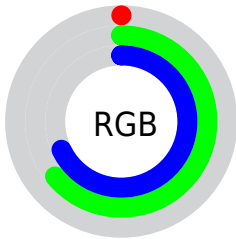
Format	Color
RYB	0, 84, 174
Decimal	41902
CIELab	61.00, -30.90, -15.77
CIELCh	61, 34.690, 207.034
Yxy	29.2504, 0.2192, 0.3093
Android (android.graphics.Color)	4278231982 (0xFF00A3AE)
YUV	115.5170, 28.8321, -101.3084
Hunter-Lab	54.0836, -26.2044, -11.0320

Details

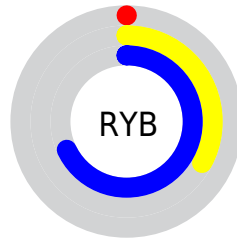
The Hex color **00A3AE** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE0B00**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5FDAE5**, and **006F7A** is the 20% darker color. If you saturate the color by 10%, you get **00A3AE**, and if you desaturate by 10%, it is **11A4AE**.

Distribution



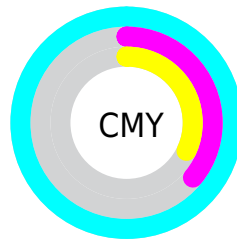
- Red (0%)
- Green (64%)
- Blue (68%)



- Red (0%)
- Yellow (33%)
- Blue (68%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A3AE 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 00A3AE by changing the saturation by 10% instead.

 00A3AE

 00A3AE

FFFFFF

 008893

 5FDAE5

 006F7A

 7FF7FF

 005661

 9DFFFF

 003E49

 BCFFFF

 002832

 DAFFFF

 00091E

 F8FFFF

 000001

 000000

 00A3AE

 11A4AE

 23A5AE

 34A6AE

 46A7AE

 57A9AE

 68AAAE

 7AABAE

 8BACAE

 9DADAE

Harmonies

Analogous

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



3CA38F



00A3AE



259FC6

Triad

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



00A3AE



B782B5



AA9056

Complementary

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



00A3AE



AE0B00

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.



C28661



00A3AE



CB7B97

Square

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



00A3AE



928CCA



CE7D79



8B9A5B

Rectangle

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



00A3AE



4E9ACE



CE7D79



B38D57

Sweetspot

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



00A3AE



9FDFE3



00AE09



497073



F2F2F2



737373

Same Dimension

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



00A3AE



00D5E3



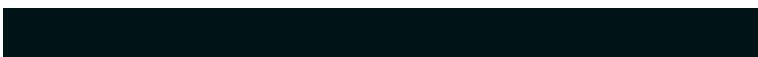
004EAE



4E5657



008D96



001517

Inverse Universe

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



AE00A3



E300D5



AE6000



574E56



96008D



170015

Previews

White Background



This preview shows how the Hex color 00A3AE 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 00A3AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

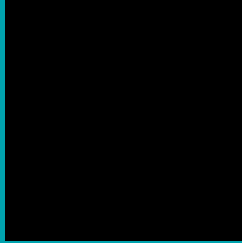
Any Text WCAG AA ✓ Pass

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 00A3AE Background



This preview shows how black text looks on a background with the Hex color 00A3AE.

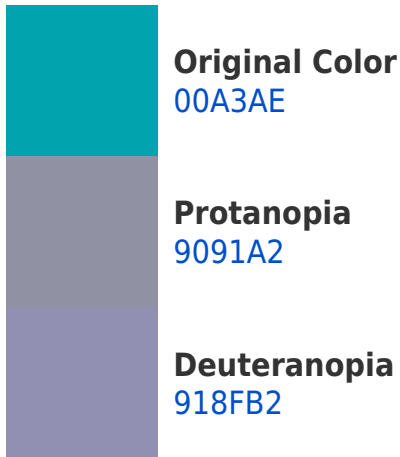


This preview shows how white text looks on a background with the Hex color 00A3AE.

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

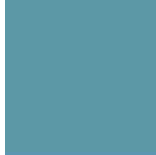




Trichromacy



Original Color
00A3AE



Protanomaly
5C98A6



Deuteranomaly
5C96B1



Tritanomaly
08A3AF

Monochromacy



Original Color
00A3AE



Achromatopsia
747474



Achromatomaly
4A8589

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A3AE 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 #00A3AE looks like.

```
.text, #text, p{  
    color:#00A3AE  
}
```

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 #00A3AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A3AE
}
```

Border

The CSS property to change the border of an element to Hex 00A3AE 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
#00A3AE }
```

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

```
.border{ border-color:#00A3AE }
```

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

Here you see how a box with a 4 pixel #00A3AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A3AE; -webkit-box-shadow:4px 4px  
4px 4px #00A3AE; box-shadow:4px 4px 4px  
4px #00A3AE }
```

Background

The CSS property to change the background color of an element to Hex 00A3AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A3AE }
```

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

```
.background{ background-color:#00A3AE }
```

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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