

Converting Colors

Hex(0AA1AA)

Have a look what the booklet for
Hex(0AA1AA) contains.

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Color

Hex(0AA1AA)

Conversions

Conversions Part 1

Format	Color
Hex	0AA1AA
RGB	10, 161, 170
RGB Percent	4%, 63%, 67%
CMY	0.9608, 0.3686, 0.3333
CMYK	0.94, 0.05, 0.00, 0.33
HSL	183°, 89%, 35%
HSV	183°, 94%, 67%
XYZ	20.1257, 28.4565, 42.4621
YIQ	116.8770, -92.8850, -29.2130

Conversions

Conversions Part 2

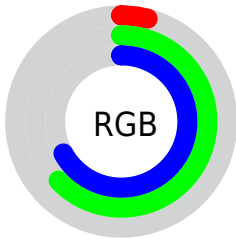
Format	Color
RYB	10, 88, 170
Decimal	696746
CIELab	60.30, -30.86, -14.57
CIELCh	60, 34.125, 205.276
Yxy	28.4565, 0.2211, 0.3126
Android (android.graphics.Color)	4278886826 (0xFF0AA1AA)
YUV	116.8770, 26.1896, -93.7311
Hunter-Lab	53.3447, -26.0092, -9.8533

Details

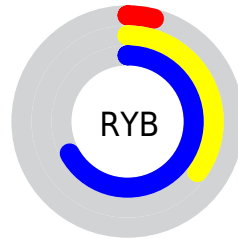
The Hex color **0AA1AA** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA130A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **61D8E1**, and **006D76** is the 20% darker color. If you saturate the color by 10%, you get **00A0AA**, and if you desaturate by 10%, it is **1BA2AA**.

Distribution



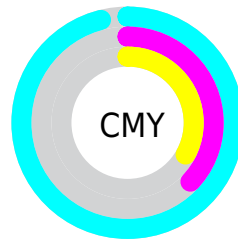
- Red (4%)
- Green (63%)
- Blue (67%)



- Red (4%)
- Yellow (35%)
- Blue (67%)



- Cyan (94%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (96%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Hex color 0AA1AA 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 0AA1AA by changing the saturation by 10% instead.

 0AA1AA

 0AA1AA

FFFFFF

 008690

 61D8E1

 006D76

 80F5FE

 00545D

 9EFFFF

 003C46

 BCFFFF

 00272F

 DAFFFF

 00031B

 F8FFFF

 000000

 0AA1AA

 0AA1AA

 00A0AA

 1BA2AA

 2CA3AA

 3DA4AA

 4EA5AA

 5FA6AA

 70A7AA

 81A8AA

 92A9AA

 A3AAAA

Harmonies

Analogous

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



3FA18B



0AA1AA



239DC2

Triad

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



0AA1AA



B381B4



A98E55

Complementary

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



0AA1AA



AA130A

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.



C08361



0AA1AA



C87A97

Square

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



0AA1AA



8E8BC8



CC7C79



8B975A

Rectangle

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



0AA1AA



4A99CB



CC7C79



B28A57

Sweetspot

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



0AA1AA



A0DADE



0AAA12



4A6E70



F0F0F0



707070

Same Dimension

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



0AA1AA



00D1DE



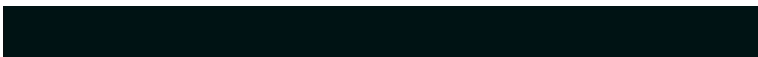
0A52AA



4C5454



008C94



001314

Inverse Universe

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



AA0AA1



DE00D1



AA620A



544C54



94008C



140013

Previews

White Background



This preview shows how the Hex color 0AA1AA looks on a white background.

Color Contrast Check

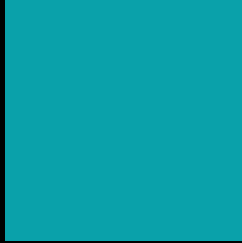
Large Text (above 18pt) WCAG AA ✓ Pass

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 0AA1AA 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 0AA1AA Background



This preview shows how black text looks on a background with the Hex color 0AA1AA.

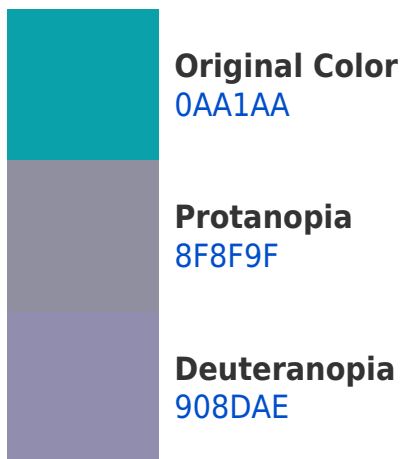


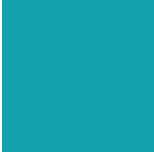
This preview shows how white text looks on a background with the Hex color 0AA1AA.

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
14A0AD

Trichromacy



Original Color
0AA1AA



Protanomaly
5F96A3



Deuteranomaly
5F94AD



Tritanomaly
10A0AC

Monochromacy



Original Color
0AA1AA



Achromatopsia
757575



Achromatomaly
4E8588

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AA1AA 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 #0AA1AA looks like.

```
.text, #text, p{  
    color:#0AA1AA  
}
```

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 #0AA1AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AA1AA
}
```

Border

The CSS property to change the border of an element to Hex 0AA1AA 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
#0AA1AA }
```

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

```
.border{ border-color:#0AA1AA }
```

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

Here you see how a box with a 4 pixel #0AA1AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AA1AA; -webkit-box-shadow:4px 4px  
4px 4px #0AA1AA; box-shadow:4px 4px 4px  
4px #0AA1AA }
```

Background

The CSS property to change the background color of an element to Hex 0AA1AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AA1AA }
```

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

```
.background{ background-color:#0AA1AA }
```

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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