

Converting Colors

Hex(00A1A1)

Have a look what the booklet for
Hex(00A1A1) contains.

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Color

Hex(00A1A1)

Conversions

Conversions Part 1

Format	Color
Hex	00A1A1
RGB	0, 161, 161
RGB Percent	0%, 63%, 63%
CMY	1.0000, 0.3686, 0.3686
CMYK	1.00, 0.00, 0.00, 0.37
HSL	180°, 100%, 32%
HSV	180°, 100%, 63%
XYZ	19.1779, 28.0629, 38.1241
YIQ	112.8610, -95.9560, -34.1320

Conversions

Conversions Part 2

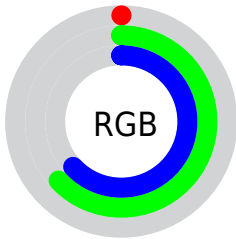
Format	Color
RYB	0, 81, 161
Decimal	41377
CIELab	59.95, -34.09, -10.02
CIELCh	60, 35.532, 196.386
Yxy	28.0629, 0.2247, 0.3287
Android (android.graphics.Color)	4278231457 (0xFF00A1A1)
YUV	112.8610, 23.7325, -98.9791
Hunter-Lab	52.9745, -28.0845, -5.5871

Details

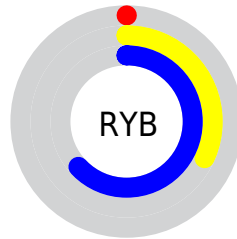
The Hex color **00A1A1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10000**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5DD8D8**, and **006D6E** is the 20% darker color. If you saturate the color by 10%, you get **00A1A1**, and if you desaturate by 10%, it is **10A1A1**.

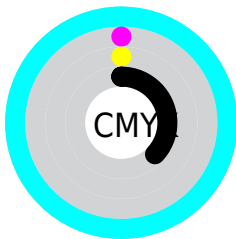
Distribution



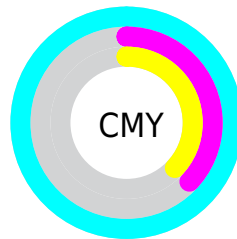
- Red (0%)
- Green (63%)
- Blue (63%)



- Red (0%)
- Yellow (32%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A1A1 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 00A1A1 by changing the saturation by 10% instead.

 00A1A1

 00A1A1

FFFFFF

 008687

 5DD8D8

 006D6E

 7CF5F4

 005455

 9BFFFF

 003C3E

 B8FFFF

 002728

 D7FFFF

 000115

 F5FFFF

 000000

 00A1A1

 10A1A1

 20A1A1

 30A1A1

 40A1A1

 51A1A1

 61A1A1

 71A1A1

 81A1A1

 91A1A1

Harmonies

Analogous

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



47A081



00A1A1



009EBD

Triad

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



00A1A1



A982BC



B18A54

Complementary

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



00A1A1



A10000

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.



C67F64



00A1A1



C479A0

Square

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



00A1A1



7E8ECC



CD7880



949453

Rectangle

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



00A1A1



2F9AC9



CD7880



B98658

Sweetspot

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



00A1A1



92D1D1



00A100



436969



E8E8E8



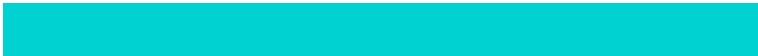
696969

Same Dimension

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



00A1A1



00D1D1



0051A1



495252



009191



001212

Inverse Universe

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



A100A1



D100D1



A15100



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 00A1A1 looks on a white background.

Color Contrast Check

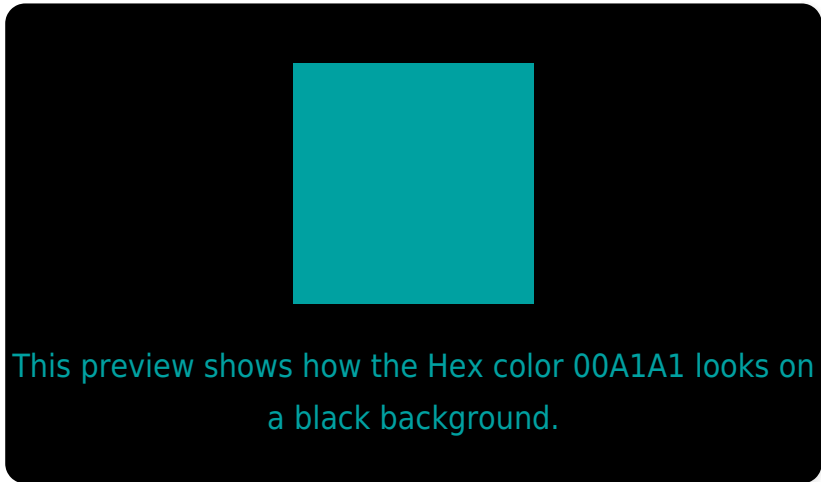
Large Text (above 18pt) WCAG AA ✓ Pass

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

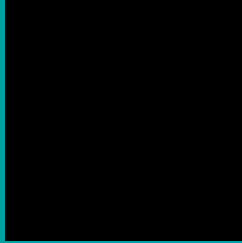
Any Text WCAG AA ✓ Pass

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 00A1A1 Background



This preview shows how black text looks on a background with the Hex color 00A1A1.

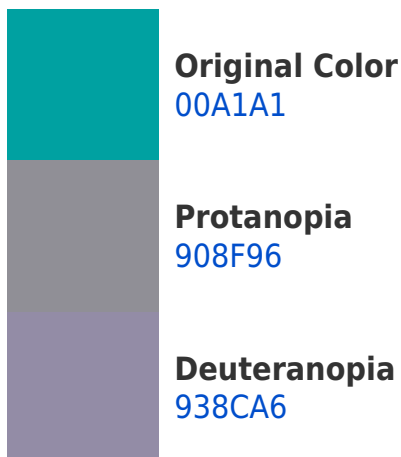


This preview shows how white text looks on a background with the Hex color 00A1A1.

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
1D9FAC

Trichromacy



Original Color
00A1A1



Protanomaly
5C969A



Deuteranomaly
5E94A4



Tritanomaly
12A0A8

Monochromacy



Original Color
00A1A1



Achromatopsia
717171



Achromatomaly
488282

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A1A1 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 #00A1A1 looks like.

```
.text, #text, p{  
    color:#00A1A1  
}
```

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 #00A1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1A1
}
```

Border

The CSS property to change the border of an element to Hex 00A1A1 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
#00A1A1 }
```

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

```
.border{ border-color:#00A1A1 }
```

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

Here you see how a box with a 4 pixel #00A1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1A1; -webkit-box-shadow:4px 4px  
4px 4px #00A1A1; box-shadow:4px 4px 4px  
4px #00A1A1 }
```

Background

The CSS property to change the background color of an element to Hex 00A1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1A1 }
```

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

```
.background{ background-color:#00A1A1 }
```

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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