

Converting Colors

Hex(00A1A2)

Have a look what the booklet for
Hex(00A1A2) contains.

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Color

Hex(00A1A2)

Conversions

Conversions Part 1

Format	Color
Hex	00A1A2
RGB	0, 161, 162
RGB Percent	0%, 63%, 64%
CMY	1.0000, 0.3686, 0.3647
CMYK	1.00, 0.01, 0.00, 0.36
HSL	180°, 100%, 32%
HSV	180°, 100%, 64%
XYZ	19.2665, 28.0984, 38.5905
YIQ	112.9750, -96.2770, -33.8210

Conversions

Conversions Part 2

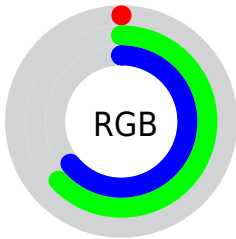
Format	Color
RYB	0, 81, 162
Decimal	41378
CIELab	59.98, -33.78, -10.54
CIELCh	60, 35.382, 197.333
Yxy	28.0984, 0.2241, 0.3269
Android (android.graphics.Color)	4278231458 (0xFF00A1A2)
YUV	112.9750, 24.1693, -99.0791
Hunter-Lab	53.0079, -27.8855, -6.0584

Details

The Hex color **00A1A2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A20100**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5DD8D9**, and **006D6E** is the 20% darker color. If you saturate the color by 10%, you get **00A1A2**, and if you desaturate by 10%, it is **10A1A2**.

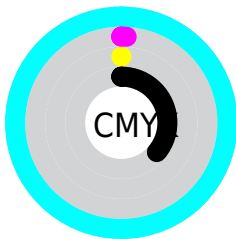
Distribution



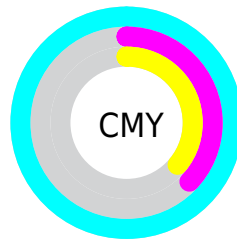
- Red (0%)
- Green (63%)
- Blue (64%)



- Red (0%)
- Yellow (32%)
- Blue (64%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A1A2 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 00A1A2 by changing the saturation by 10% instead.



00A1A2



00A1A2

FFFFFF



008688



5DD8D9



006D6E



7CF5F5



005456



9BFFFF



003C3F



B9FFFF



002729



D7FFFF



000116



F5FFFF



000000



00A1A2



10A1A2

 20A1A2

 31A1A2

 41A1A2

 51A1A2

 61A2A2

 71A2A2

 82A2A2

 92A2A2

Harmonies

Analogous

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



46A082



00A1A2



009EBD

Triad

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



00A1A2



AA82BB



B08A54

Complementary

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



00A1A2



A20100

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.



C57F64



00A1A2



C5799F

Square

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



00A1A2



808DCC



CD7980



939454

Rectangle

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



00A1A2



329AC9



CD7980



B88657

Sweetspot

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



00A1A2



94D3D4



00A200



456B6B



EBEBEB



6B6B6B

Same Dimension

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



00A1A2



00D2D4



0051A2



495252



009091



001212

Inverse Universe

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



A200A1



D400D2



A25100



524952



910090



120012

Previews

White Background



This preview shows how the Hex color 00A1A2 looks on a white background.

Color Contrast Check

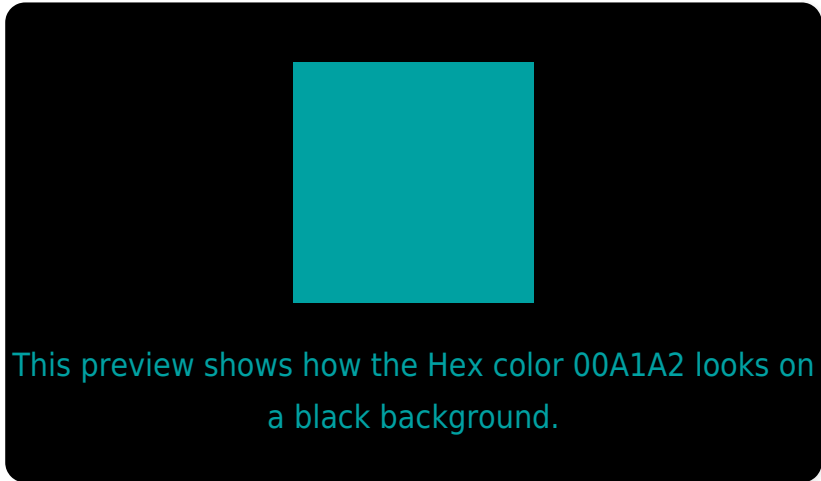
Large Text (above 18pt) WCAG AA ✓ Pass

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

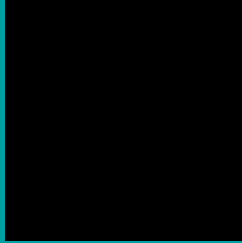
Any Text WCAG AA ✓ Pass

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 00A1A2 Background



This preview shows how black text looks on a background with the Hex color 00A1A2.

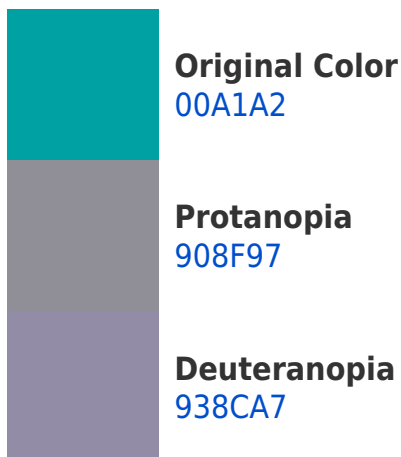


This preview shows how white text looks on a background with the Hex color 00A1A2.

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
00A1A2



Protanomaly
5C969B



Deuteranomaly
5E94A5



Tritanomaly
12A0A8

Monochromacy



Original Color
00A1A2



Achromatopsia
717171



Achromatomaly
488283

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A1A2 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 #00A1A2 looks like.

```
.text, #text, p{  
    color:#00A1A2  
}
```

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 #00A1A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1A2
}
```

Border

The CSS property to change the border of an element to Hex 00A1A2 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
#00A1A2 }
```

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

```
.border{ border-color:#00A1A2 }
```

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

Here you see how a box with a 4 pixel #00A1A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1A2; -webkit-box-shadow:4px 4px  
4px 4px #00A1A2; box-shadow:4px 4px 4px  
4px #00A1A2 }
```

Background

The CSS property to change the background color of an element to Hex 00A1A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1A2 }
```

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

```
.background{ background-color:#00A1A2 }
```

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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