

Converting Colors

Hex(00A1A6)

Have a look what the booklet for
Hex(00A1A6) contains.

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Color

Hex(00A1A6)

Conversions

Conversions Part 1

Format	Color
Hex	00A1A6
RGB	0, 161, 166
RGB Percent	0%, 63%, 65%
CMY	1.0000, 0.3686, 0.3490
CMYK	1.00, 0.03, 0.00, 0.35
HSL	182°, 100%, 33%
HSV	182°, 100%, 65%
XYZ	19.6278, 28.2429, 40.4933
YIQ	113.4310, -97.5610, -32.5770

Conversions

Conversions Part 2

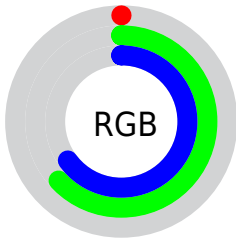
Format	Color
RYB	0, 82, 166
Decimal	41382
CIELab	60.11, -32.51, -12.61
CIELCh	60, 34.870, 201.194
Yxy	28.2429, 0.2221, 0.3196
Android (android.graphics.Color)	4278231462 (0xFF00A1A6)
YUV	113.4310, 25.9165, -99.4790
Hunter-Lab	53.1441, -27.0763, -7.9754

Details

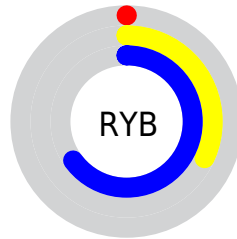
The Hex color **00A1A6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A60500**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5ED8DD**, and **006D72** is the 20% darker color. If you saturate the color by 10%, you get **00A1A6**, and if you desaturate by 10%, it is **11A2A6**.

Distribution



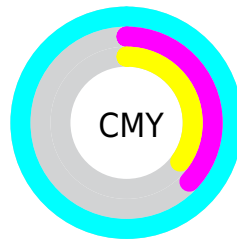
- Red (0%)
- Green (63%)
- Blue (65%)



- Red (0%)
- Yellow (32%)
- Blue (65%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A1A6 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 00A1A6 by changing the saturation by 10% instead.

 00A1A6

 00A1A6

FFFFFF

 00868C

 5ED8DD

 006D72

 7DF5FA

 00545A

 9BFFFF

 003C42

 B9FFFF

 00272C

 D8FFFF

 000219

 F6FFFF

 000000

 00A1A6

 11A2A6

 21A2A6

 32A3A6

 42A3A6

 53A4A6

 64A4A6

 74A4A6

 85A5A6

 95A5A6

Harmonies

Analogous

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



42A186



00A1A6



0C9EC0

Triad

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



00A1A6



AF81B8



AD8C54

Complementary

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



00A1A6



A60500

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.



C38162



00A1A6



C67A9B

Square

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



00A1A6



878CCA



CD7A7C



8F9656

Rectangle

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



00A1A6



3E99CA



CD7A7C



B58857

Sweetspot

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



00A1A6



98D7D9



00A603



466C6E



EDEDED



6E6E6E

Same Dimension

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



00A1A6



00D2D9



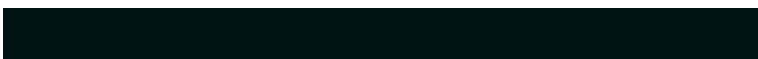
0050A6



4C5454



008F94



001414

Inverse Universe

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



A600A1



D900D2



A65600



544C54



94008F



140014

Previews

White Background



This preview shows how the Hex color 00A1A6 looks on a white background.

Color Contrast Check

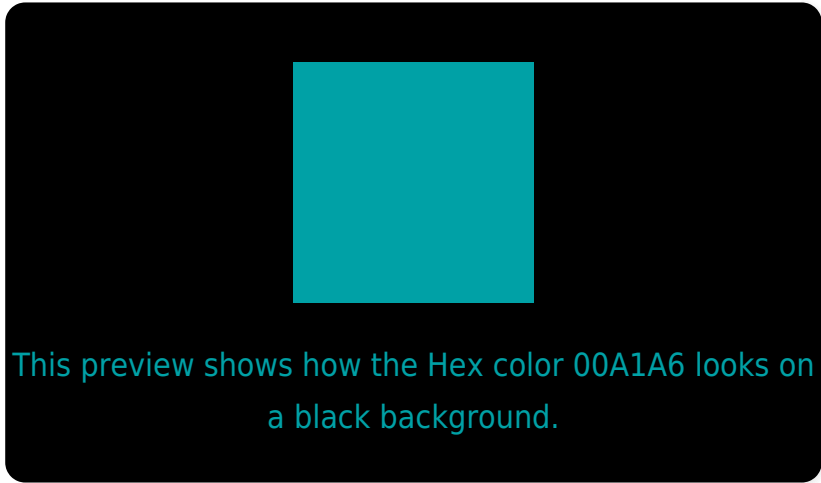
Large Text (above 18pt) WCAG AA ✓ Pass

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

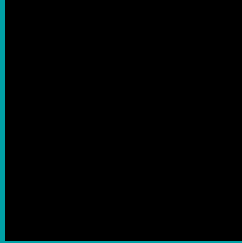
Any Text WCAG AA ✓ Pass

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 00A1A6 Background



This preview shows how black text looks on a background with the Hex color 00A1A6.

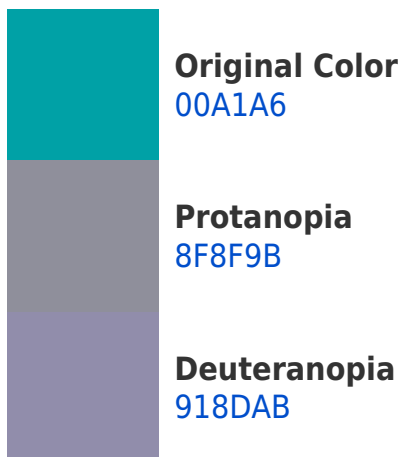


This preview shows how white text looks on a background with the Hex color 00A1A6.

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



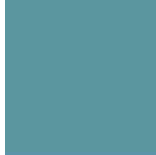


Tritanopia
18A0AD

Trichromacy



Original Color
00A1A6



Protanomaly
5B969F



Deuteranomaly
5C94A9



Tritanomaly
0FA0AA

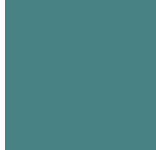
Monochromacy



Original Color
00A1A6



Achromatopsia
717171



Achromatomaly
488284

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A1A6 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 #00A1A6 looks like.

```
.text, #text, p{  
    color:#00A1A6  
}
```

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 #00A1A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1A6
}
```

Border

The CSS property to change the border of an element to Hex 00A1A6 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
#00A1A6 }
```

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

```
.border{ border-color:#00A1A6 }
```

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

Here you see how a box with a 4 pixel #00A1A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1A6; -webkit-box-shadow:4px 4px  
4px 4px #00A1A6; box-shadow:4px 4px 4px  
4px #00A1A6 }
```

Background

The CSS property to change the background color of an element to Hex 00A1A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1A6 }
```

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

```
.background{ background-color:#00A1A6 }
```

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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