

Converting Colors

Hex(00AAAC)

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

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Color

Hex(00AAAC)

Conversions

Conversions Part 1

Format	Color
Hex	00AAAC
RGB	0, 170, 172
RGB Percent	0%, 67%, 67%
CMY	1.0000, 0.3333, 0.3255
CMYK	1.00, 0.01, 0.00, 0.33
HSL	181°, 100%, 34%
HSV	181°, 100%, 67%
XYZ	21.8211, 31.7280, 44.0038
YIQ	119.3980, -101.9620, -35.4180

Conversions

Conversions Part 2

Format	Color
RYB	0, 85, 172
Decimal	43692
CIELab	63.12, -34.86, -11.46
CIELCh	63, 36.697, 198.194
Yxy	31.7280, 0.2237, 0.3252
Android (android.graphics.Color)	4278233772 (0xFF00AAAC)
YUV	119.3980, 25.9328, -104.7120
Hunter-Lab	56.3276, -29.4231, -6.8887

Details

The Hex color **00AAAC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0200**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **60E2E3**, and **007578** is the 20% darker color. If you saturate the color by 10%, you get **00AAAC**, and if you desaturate by 10%, it is **11AAAC**.

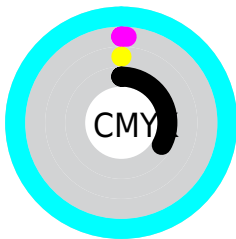
Distribution



- Red (0%)
- Green (67%)
- Blue (67%)



- Red (0%)
- Yellow (33%)
- Blue (67%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients


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

 00AAAC

 00AAAC

FFFFFF

 008F91

 60E2E3

 007578

 80FFFF

 005C5F

 9FFFFFFF

 004447

 BDFFFF

 002D31

 DBFFFF

 00141C

 FAFFFF

 000000

 00AAAC

 11AAAC

■ 22AAAC

■ 34ABAC

■ 45ABAC

■ 56ABAC

■ 67ABAC

■ 78ABAC

■ 8AACAC

■ 9BACAC

Harmonies

Analogous

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



49A98A



00AAAC



00A7C8

Triad

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



00AAAC



B589C5



B99259

Complementary

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



00AAAC



AC0200

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.



CF8769



00AAAC



D080A7

Square

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



00AAAC



8995D7



D88086



9A9D5A

Rectangle

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



00AAAC



39A3D5



D88086



C28E5D

Sweetspot

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



00AAAC



9DE0E0



00AC00



487070



F0F0F0



707070

Same Dimension

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



00AAAC



00DEE0



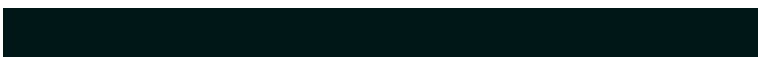
0056AC



4E5757



009596



001717

Inverse Universe

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



AC00AA



E000DE



AC5600



574E57



960095



170017

Previews

White Background



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

Color Contrast Check

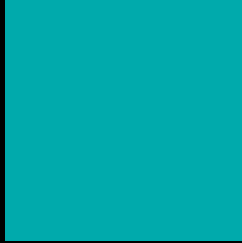
Large Text (above 18pt) WCAG AA × Fail

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 00AAAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

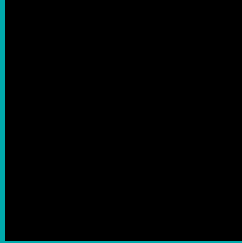
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00AAAC Background



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

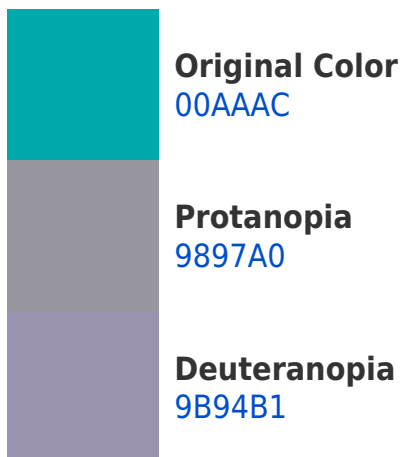


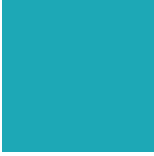
This preview shows how white text looks on a background with the Hex color 00AAAC.

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
1DA8B6

Trichromacy



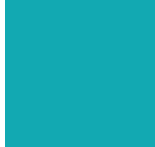
Original Color
00AAAC



Protanomaly
619EA4



Deuteranomaly
639CAF



Tritanomaly
12A9B2

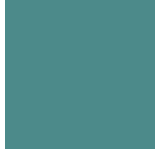
Monochromacy



Original Color
00AAAC



Achromatopsia
777777



Achromatomaly
4C8A8A

CSS Examples

Text

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

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

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 #00AAAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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