

Converting Colors

Hex(00AC9C)

Have a look what the booklet for
Hex(00AC9C) contains.

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Color

Hex(00AC9C)

Conversions

Conversions Part 1

Format	Color
Hex	00AC9C
RGB	0, 172, 156
RGB Percent	0%, 67%, 61%
CMY	1.0000, 0.3255, 0.3882
CMYK	1.00, 0.00, 0.09, 0.33
HSL	174°, 100%, 34%
HSV	174°, 100%, 67%
XYZ	20.7533, 31.9053, 36.5170
YIQ	118.7480, -97.3760, -41.4400

Conversions

Conversions Part 2

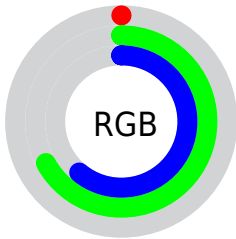
Format	Color
RYB	0, 90, 172
Decimal	44188
CIELab	63.26, -40.57, -2.29
CIELCh	63, 40.639, 183.233
Yxy	31.9053, 0.2327, 0.3578
Android (android.graphics.Color)	4278234268 (0xFF00AC9C)
YUV	118.7480, 18.3652, -104.1420
Hunter-Lab	56.4848, -33.2652, 1.2088

Details

The Hex color **00AC9C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0010**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5FE4D2**, and **007769** is the 20% darker color. If you saturate the color by 10%, you get **00AC9C**, and if you desaturate by 10%, it is **11AC9E**.

Distribution



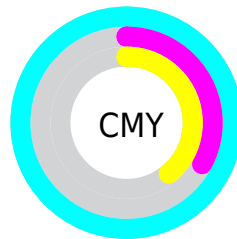
- Red (0%)
- Green (67%)
- Blue (61%)



- Red (0%)
- Yellow (35%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AC9C 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 00AC9C by changing the saturation by 10% instead.

 00AC9C

 00AC9C

FFFFFF

 009182

 5FE4D2

 007769

 7EFFF

 005D51

 9DFFFF

 00453A

 BBFFFF

 002E24


 D9FFFF

 001410

 F8FFFF

 000000

 00AC9C

 11AC9E

 22AC9F

 34ACA1

 45ACA2

 56ACA4

 67ACA6

 78ACA7

 8AACA9

 9BACAA

Harmonies

Analogous

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



58A977



00AC9C



00ABC0

Triad

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



00AC9C



A28ED6



CA8C59

Complementary

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



00AC9C



AC0010

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.



DC8073



00AC9C



C982BA

Square

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



00AC9C



679CE1



DD7C97



AC984F

Rectangle

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



00AC9C



00A8D2



DD7C97



D18760

Sweetspot

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



00AC9C



9DE0DA



11AC00



48706C



F0F0F0



707070

Same Dimension

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



00AC9C



00E0CC



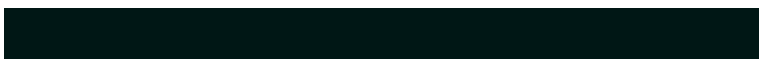
0067AC



4E5756



009688



001715

Inverse Universe

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



AC0010



E00015



AC4500



574E4F



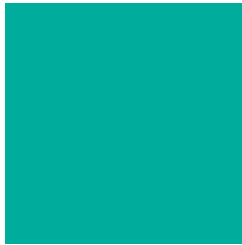
96000E



170002

Previews

White Background



This preview shows how the Hex color 00AC9C looks on a white background.

Color Contrast Check

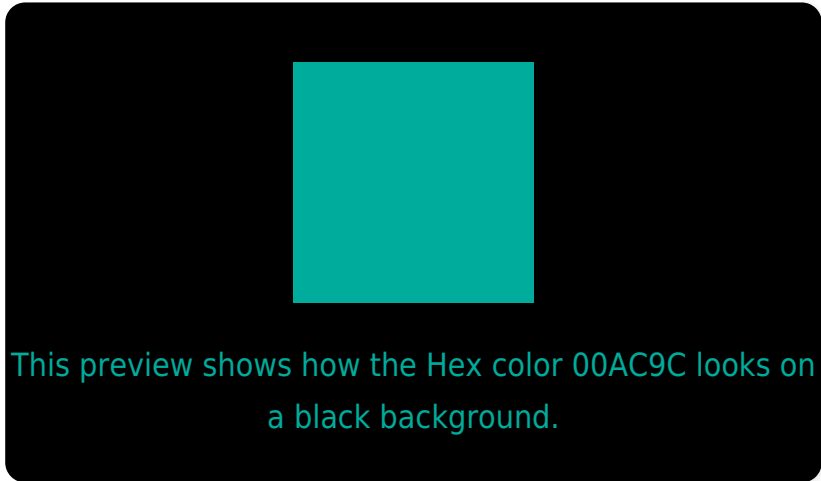
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

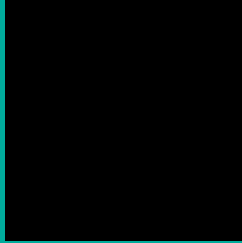
Any Text WCAG AA ✓ Pass

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 00AC9C Background



This preview shows how black text looks on a background with the Hex color 00AC9C.

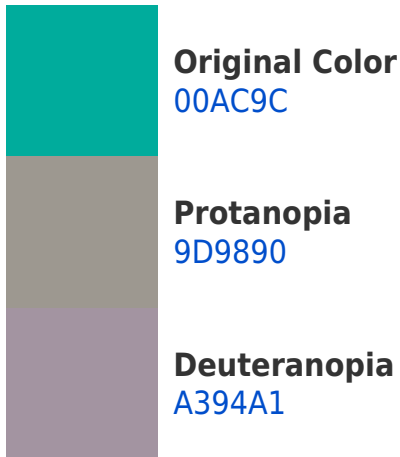


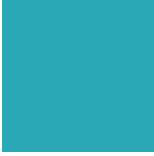
This preview shows how white text looks on a background with the Hex color 00AC9C.

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
2BA8B6

Trichromacy



Original Color
00AC9C



Protanomaly
649F94



Deuteranomaly
689D9F



Tritanomaly
1BA9AD

Monochromacy



Original Color
00AC9C



Achromatopsia
777777



Achromatomaly
4C8A84

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC9C 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 #00AC9C looks like.

```
.text, #text, p{  
    color:#00AC9C  
}
```

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 #00AC9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC9C
}
```

Border

The CSS property to change the border of an element to Hex 00AC9C 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
#00AC9C }
```

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

```
.border{ border-color:#00AC9C }
```

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

Here you see how a box with a 4 pixel #00AC9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC9C; -webkit-box-shadow:4px 4px  
4px 4px #00AC9C; box-shadow:4px 4px 4px  
4px #00AC9C }
```

Background

The CSS property to change the background color of an element to Hex 00AC9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC9C }
```

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

```
.background{ background-color:#00AC9C }
```

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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