

Converting Colors

Hex(00AC99)

Have a look what the booklet for
Hex(00AC99) contains.

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Color

Hex(00AC99)

Conversions

Conversions Part 1

Format	Color
Hex	00AC99
RGB	0, 172, 153
RGB Percent	0%, 67%, 60%
CMY	1.0000, 0.3255, 0.4000
CMYK	1.00, 0.00, 0.11, 0.33
HSL	173°, 100%, 34%
HSV	173°, 100%, 67%
XYZ	20.5023, 31.8050, 35.1954
YIQ	118.4060, -96.4130, -42.3730

Conversions

Conversions Part 2

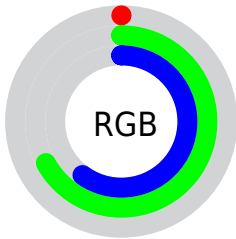
Format	Color
RYB	0, 91, 172
Decimal	44185
CIELab	63.18, -41.43, -0.74
CIELCh	63, 41.441, 181.021
Yxy	31.8050, 0.2343, 0.3635
Android (android.graphics.Color)	4278234265 (0xFF00AC99)
YUV	118.4060, 17.0548, -103.8421
Hunter-Lab	56.3959, -33.8005, 2.4756

Details

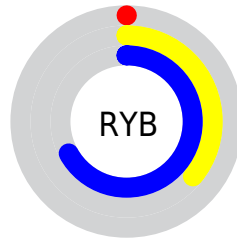
The Hex color **00AC99** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0013**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE4CF**, and **007766** is the 20% darker color. If you saturate the color by 10%, you get **00AC99**, and if you desaturate by 10%, it is **11AC9B**.

Distribution



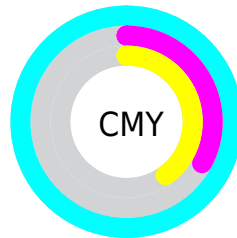
- Red (0%)
- Green (67%)
- Blue (60%)



- Red (0%)
- Yellow (36%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AC99 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 00AC99 by changing the saturation by 10% instead.

 00AC99

 00AC99

FFFFFF

 00917F


 5FE4CF

 007766

 7EFFEB

 005D4E

 9CFFFF

 004537

 BAF0FF

 002E22

 D9FFFF

 00140D

 F7FFFF

 000000

 00AC99

 11AC9B

 22AC9D

 34AC9F

 45ACA1

 56ACA3

 67ACA4

 78ACA6

 8AACA8

 9BACAA

Harmonies

Analogous

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



5AA974



00AC99



00ABBE

Triad

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



00AC99



9E8FD8



CC8A59

Complementary

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



00AC99



AC0013

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.



DD7F75



00AC99



C882BD

Square

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



00AC99



5F9CE2



DD7B99



AF974E

Rectangle

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



00AC99



00A8D1



DD7B99



D48661

Sweetspot

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



00AC99



9DE0D9



14AC00



48706C



F0F0F0



707070

Same Dimension

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



00AC99



00E0C8



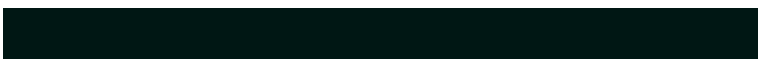
006AAC



4E5756



009686



001714

Inverse Universe

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



AC0013



E00019



AC4200



574E4F



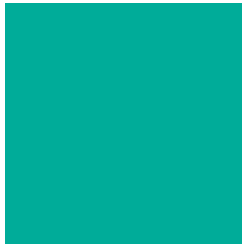
960011



170003

Previews

White Background



This preview shows how the Hex color 00AC99 looks on a white background.

Color Contrast Check

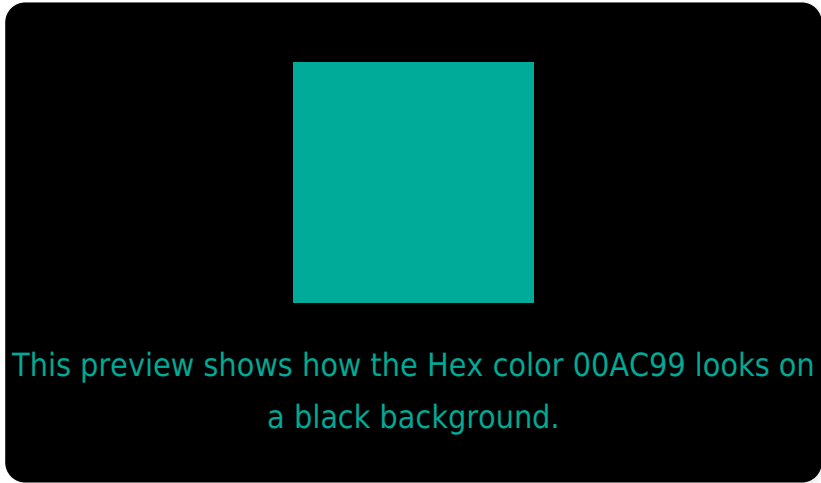
Large Text (above 18pt) WCAG AA × Fail

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

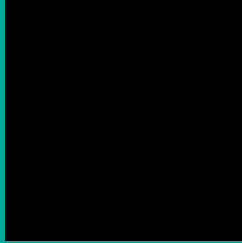
Any Text WCAG AA ✓ Pass

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 00AC99 Background



This preview shows how black text looks on a background with the Hex color 00AC99.

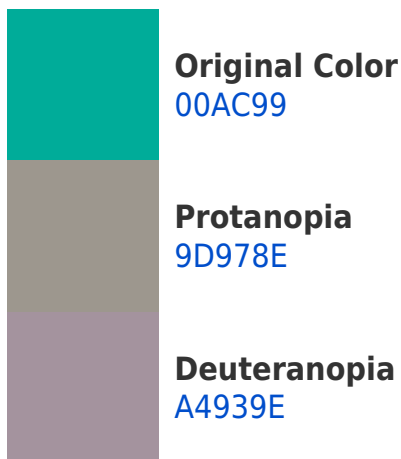


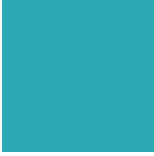
This preview shows how white text looks on a background with the Hex color 00AC99.

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
2DA8B6

Trichromacy



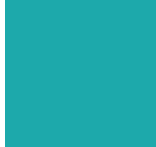
Original Color
00AC99



Protanomaly
649F92



Deuteranomaly
689C9C



Tritanomaly
1DA9AB

Monochromacy



Original Color
00AC99



Achromatopsia
767676



Achromatomaly
4B8A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC99 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 #00AC99 looks like.

```
.text, #text, p{  
    color:#00AC99  
}
```

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 #00AC99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC99
}
```

Border

The CSS property to change the border of an element to Hex 00AC99 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
#00AC99 }
```

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

```
.border{ border-color:#00AC99 }
```

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

Here you see how a box with a 4 pixel #00AC99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC99; -webkit-box-shadow:4px 4px  
4px 4px #00AC99; box-shadow:4px 4px 4px  
4px #00AC99 }
```

Background

The CSS property to change the background color of an element to Hex 00AC99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC99 }
```

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

```
.background{ background-color:#00AC99 }
```

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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