

Converting Colors

Hex(00AC93)

Have a look what the booklet for
Hex(00AC93) contains.

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Color

Hex(00AC93)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00AC93 |
| RGB | 0, 172, 147 |
| RGB Percent | 0%, 67%, 58% |
| CMY | 1.0000, 0.3255, 0.4235 |
| CMYK | 1.00, 0.00, 0.15, 0.33 |
| HSL | 171°, 100%, 34% |
| HSV | 171°, 100%, 67% |
| XYZ | 20.0190, 31.6116, 32.6503 |
| YIQ | 117.7220, -94.4870, -44.2390 |

Conversions

Conversions Part 2

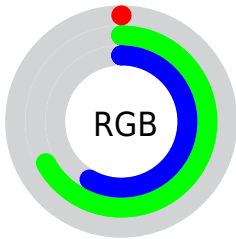
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 93, 172 |
| Decimal | 44179 |
| CIELab | 63.02, -43.12, 2.38 |
| CIElCh | 63, 43.182, 176.846 |
| Yxy | 31.6116, 0.2375, 0.3751 |
| Android (android.graphics.Color) | 4278234259 (0xFF00AC93) |
| YUV | 117.7220, 14.4341, -103.2422 |
| Hunter-Lab | 56.2242, -34.8364, 4.9263 |

Details

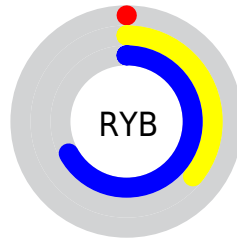
The Hex color **00AC93** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0019**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5EE4C9**, and **007761** is the 20% darker color. If you saturate the color by 10%, you get **00AC93**, and if you desaturate by 10%, it is **11AC95**.

Distribution



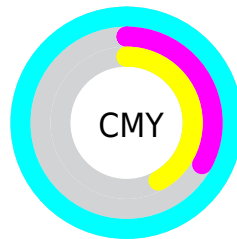
- Red (0%)
- Green (67%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AC93 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 00AC93 by changing the saturation by 10% instead.

 00AC93

 00AC93

FFFFFF

 009179

 5EE4C9

 007761

 7DFFE5

 005D49

 9BFFFF

 004432

 BAF0FF

 002E1D


 D8FFFF

 001305

 F6FFFF

 000000

 00AC93

 11AC95

 22AC98

 34AC9B

 45AC9D

 56ACA0

 67ACA2

 78ACA5

 8AACA7

 9BACAA

Harmonies

Analogous

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



5EA86D



00AC93



00ACBA

Triad

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



00AC93



9590DD



D18759

Complementary

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



00AC93



AC0019

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.



E07C78



00AC93



C482C3

Square

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



00AC93



4E9EE5



DD799E



B3954A

Rectangle

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



00AC93



00A9CF



DD799E



D88362

Sweetspot

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



00AC93



9DE0D7



1AAC00



48706A



F0F0F0



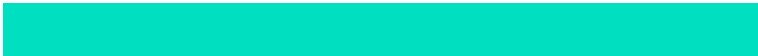
707070

Same Dimension

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



00AC93



00E0C0



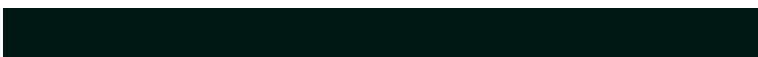
0070AC



4E5755



009681



001714

Inverse Universe

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



AC0019



E00021



AC3C00



574E4F



960016



170003

Previews

White Background



This preview shows how the Hex color 00AC93 looks on a white background.

Color Contrast Check

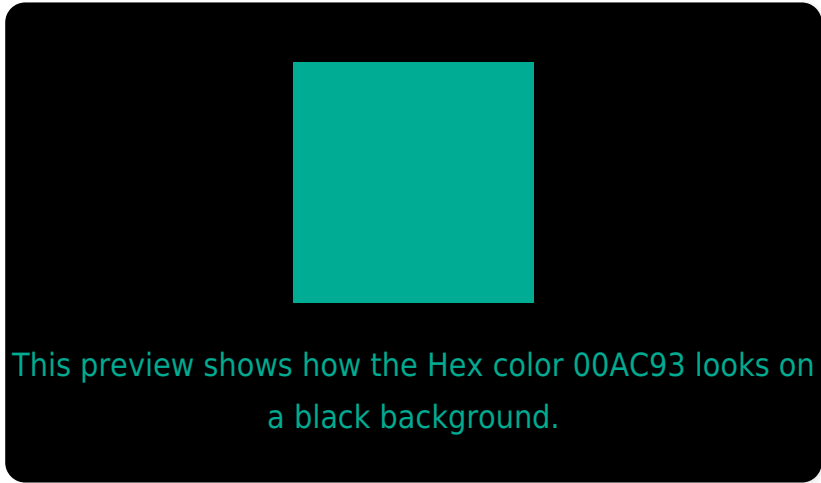
Large Text (above 18pt) WCAG AA × Fail

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

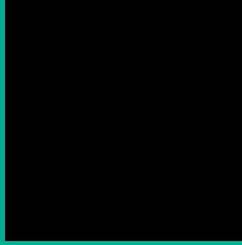
Any Text WCAG AA ✓ Pass

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 00AC93 Background



This preview shows how black text looks on a background with the Hex color 00AC93.

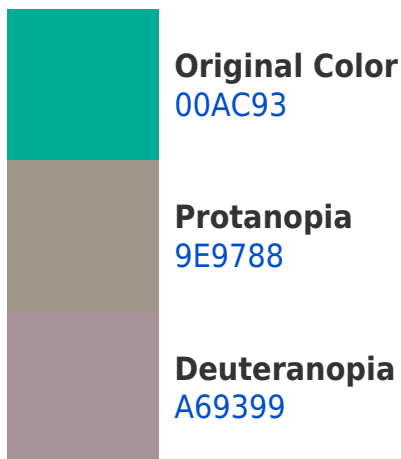


This preview shows how white text looks on a background with the Hex color 00AC93.

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
30A7B5

Trichromacy



Original Color
00AC93



Protanomaly
659F8C



Deuteranomaly
6A9C97



Tritanomaly
1FA9A9

Monochromacy



Original Color
00AC93



Achromatopsia
767676



Achromatomaly
4B8A81

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC93 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 #00AC93 looks like.

```
.text, #text, p{  
    color:#00AC93  
}
```

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 #00AC93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC93
}
```

Border

The CSS property to change the border of an element to Hex 00AC93 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
#00AC93 }
```

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

```
.border{ border-color:#00AC93 }
```

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

Here you see how a box with a 4 pixel #00AC93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC93; -webkit-box-shadow:4px 4px  
4px 4px #00AC93; box-shadow:4px 4px 4px  
4px #00AC93 }
```

Background

The CSS property to change the background color of an element to Hex 00AC93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC93 }
```

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

```
.background{ background-color:#00AC93 }
```

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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