

Converting Colors

Hex(00AA94)

Have a look what the booklet for
Hex(00AA94) contains.

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Color

Hex(00AA94)

Conversions

Conversions Part 1

Format	Color
Hex	00AA94
RGB	0, 170, 148
RGB Percent	0%, 67%, 58%
CMY	1.0000, 0.3333, 0.4196
CMYK	1.00, 0.00, 0.13, 0.33
HSL	172°, 100%, 33%
HSV	172°, 100%, 67%
XYZ	19.7200, 30.8876, 32.9395
YIQ	116.6620, -94.2580, -42.8820

Conversions

Conversions Part 2

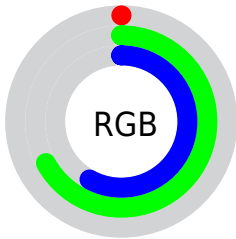
Format	Color
RYB	0, 91, 170
Decimal	43668
CIELab	62.41, -41.98, 0.93
CIELCh	62, 41.995, 178.726
Yxy	30.8876, 0.2360, 0.3697
Android (android.graphics.Color)	4278233748 (0xFF00AA94)
YUV	116.6620, 15.4496, -102.3126
Hunter-Lab	55.5766, -33.9226, 3.7632

Details

The Hex color **00AA94** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AA0016**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5EE2CA**, and **007561** is the 20% darker color. If you saturate the color by 10%, you get **00AA94**, and if you desaturate by 10%, it is **11AA96**.

Distribution



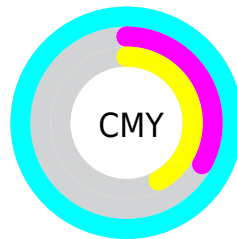
- Red (0%)
- Green (67%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA94 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 00AA94 by changing the saturation by 10% instead.

 00AA94

 00AA94

FFFFFF

 008F7A

 5EE2CA

 007561

 7DFFE6

 005B4A

 9BFFFF

 004333

 B9FFFF

 002C1E


 D7FFFF

 001006

 F6FFFF

 000000

 00AA94

 11AA96

 22AA98

 33AA9B

 44AA9D

 55AA9F

 66AAA1

 77AAA3

 88AAA6

 99AAA8

Harmonies

Analogous

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



5BA76F



00AA94



00A9BA

Triad

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



00AA94



988ED8



CC8758

Complementary

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



00AA94



AA0016

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.



DD7C75



00AA94



C480BE

Square

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



00AA94



559BE1



DB789A



AF944B

Rectangle

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



00AA94



00A7CE



DB789A



D38360

Sweetspot

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



00AA94



9BDED5



17AA00



48706B



F0F0F0



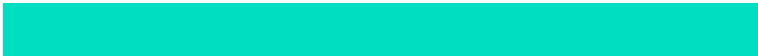
707070

Same Dimension

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



00AA94



00DEC1



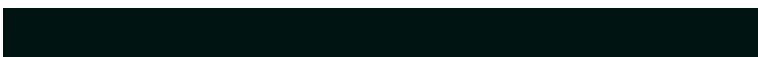
006CAA



4C5453



009481



001412

Inverse Universe

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



AA0016



DE001D



AA3E00



544C4D



940013



140003

Previews

White Background



This preview shows how the Hex color 00AA94 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 00AA94 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

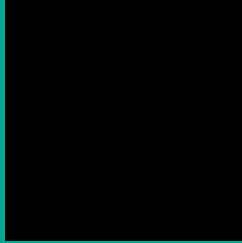
Any Text WCAG AA ✓ Pass

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 00AA94 Background



This preview shows how black text looks on a background with the Hex color 00AA94.

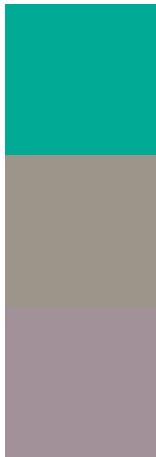


This preview shows how white text looks on a background with the Hex color 00AA94.

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](#).

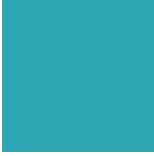
Dichromacy



Original Color
00AA94

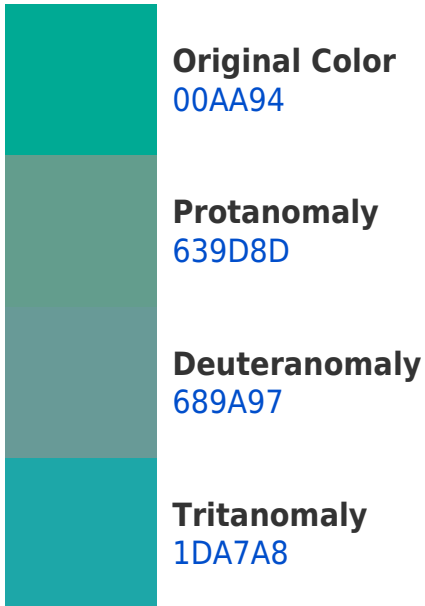
Protanopia
9C9589

Deuteranopia
A39199

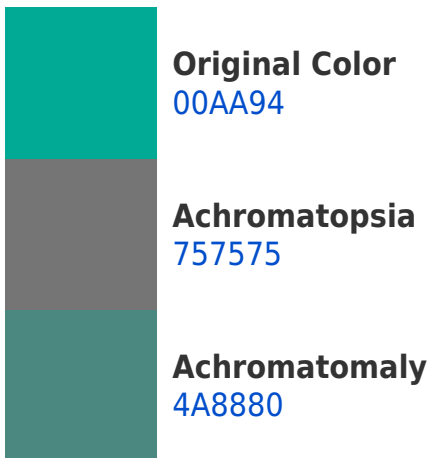


Tritanopia
2EA6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA94 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 #00AA94 looks like.

```
.text, #text, p{  
    color:#00AA94  
}
```

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 #00AA94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA94  
}
```

Border

The CSS property to change the border of an element to Hex 00AA94 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  
#00AA94 }
```

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

```
.border{ border-color:#00AA94 }
```

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

Here you see how a box with a 4 pixel #00AA94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA94; -webkit-box-shadow:4px 4px  
4px 4px #00AA94; box-shadow:4px 4px 4px  
4px #00AA94 }
```

Background

The CSS property to change the background color of an element to Hex 00AA94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA94 }
```

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

```
.background{ background-color:#00AA94 }
```

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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