

Converting Colors

Hex(00AE95)

Have a look what the booklet for
Hex(00AE95) contains.

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Color

Hex(00AE95)

Conversions

Conversions Part 1

Format	Color
Hex	00AE95
RGB	0, 174, 149
RGB Percent	0%, 68%, 58%
CMY	1.0000, 0.3176, 0.4157
CMYK	1.00, 0.00, 0.14, 0.32
HSL	171°, 100%, 34%
HSV	171°, 100%, 68%
XYZ	20.5609, 32.4420, 33.6120
YIQ	119.1240, -95.6790, -44.6630

Conversions

Conversions Part 2

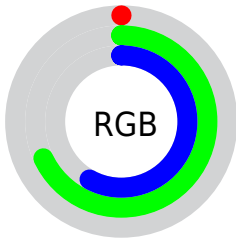
Format	Color
RYB	0, 94, 174
Decimal	44693
CIELab	63.71, -43.41, 2.26
CIELCh	64, 43.472, 177.024
Yxy	32.4420, 0.2374, 0.3746
Android (android.graphics.Color)	4278234773 (0xFF00AE95)
YUV	119.1240, 14.7289, -104.4717
Hunter-Lab	56.9579, -35.2408, 4.8823

Details

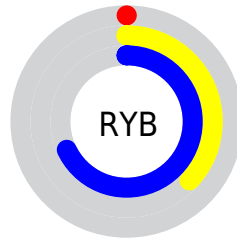
The Hex color **00AE95** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE0019**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5FE6CB**, and **007862** is the 20% darker color. If you saturate the color by 10%, you get **00AE95**, and if you desaturate by 10%, it is **11AE98**.

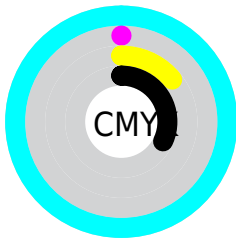
Distribution



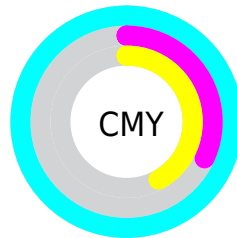
- Red (0%)
- Green (68%)
- Blue (58%)



- Red (0%)
- Yellow (37%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AE95 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 00AE95 by changing the saturation by 10% instead.

 00AE95

 00AE95

FFFFFF

 00937B

 5FE6CB

 007862

 7EFFE7

 005F4B

 9CFFFF

 004634

 BAFfff

 002F1F


 D9FFFF

 001607

 F7FFFF

 000000

 00AE95

 11AE98

 23AE9A

 34AE9C

 46AE9F

 57AEA2

 68AEA4

 7AAEA7

 8BAEA9

 9DAEAC

Harmonies

Analogous

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



5FAA6F



00AE95



00AEBC

Triad

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



00AE95



9892DF



D3895A

Complementary

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



00AE95



AE0019

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.



E37D79



00AE95



C783C5

Square

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



00AE95



509FE7



E07BA0



B5974B

Rectangle

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



00AE95



00ABD2



E07BA0



DA8463

Sweetspot

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



00AE95



9FE3D9



1AAE00



49736D



F2F2F2



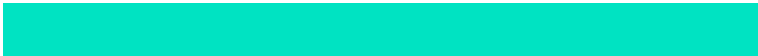
737373

Same Dimension

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



00AE95



00E3C2



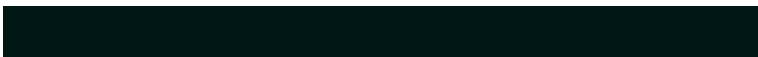
0071AE



4E5755



009681



001714

Inverse Universe

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



AE0019



E30021



AE3D00



574E4F



960016



170003

Previews

White Background



This preview shows how the Hex color 00AE95 looks on a white background.

Color Contrast Check

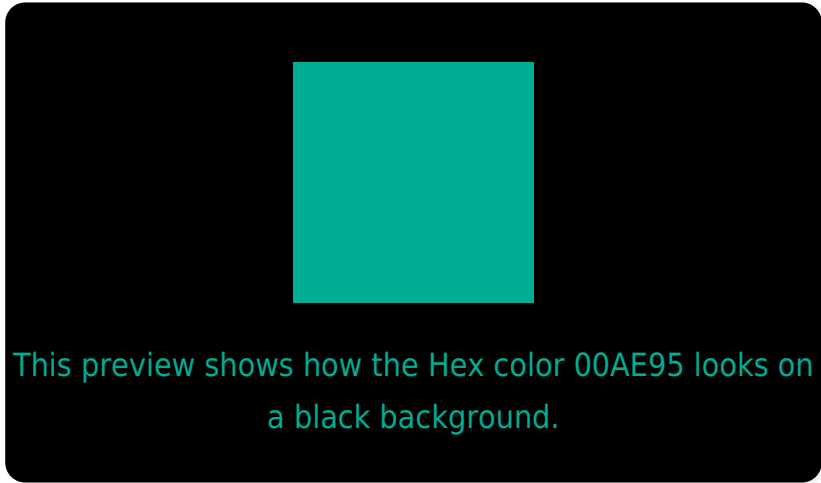
Large Text (above 18pt) WCAG AA × Fail

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

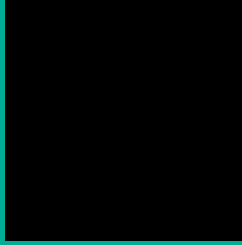
Any Text WCAG AA ✓ Pass

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 00AE95 Background



This preview shows how black text looks on a background with the Hex color 00AE95.

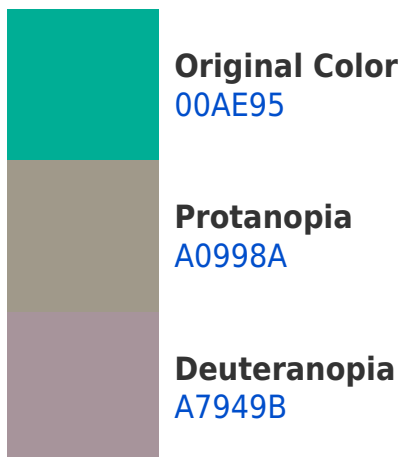


This preview shows how white text looks on a background with the Hex color 00AE95.

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
30A9B7

Trichromacy



Original Color
00AE95



Protanomaly
66A18E



Deuteranomaly
6A9D99



Tritanomaly
1FABAB

Monochromacy



Original Color
00AE95



Achromatopsia
777777



Achromatomaly
4C8B82

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AE95 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 #00AE95 looks like.

```
.text, #text, p{  
    color:#00AE95  
}
```

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 #00AE95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AE95
}
```

Border

The CSS property to change the border of an element to Hex 00AE95 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
#00AE95 }
```

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

```
.border{ border-color:#00AE95 }
```

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

Here you see how a box with a 4 pixel #00AE95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AE95; -webkit-box-shadow:4px 4px  
4px 4px #00AE95; box-shadow:4px 4px 4px  
4px #00AE95 }
```

Background

The CSS property to change the background color of an element to Hex 00AE95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AE95 }
```

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

```
.background{ background-color:#00AE95 }
```

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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