

Converting Colors

Hex(00AA85)

Have a look what the booklet for
Hex(00AA85) contains.

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Color

Hex(00AA85)

Conversions

Conversions Part 1

Format	Color
Hex	00AA85
RGB	0, 170, 133
RGB Percent	0%, 67%, 52%
CMY	1.0000, 0.3333, 0.4784
CMYK	1.00, 0.00, 0.22, 0.33
HSL	167°, 100%, 33%
HSV	167°, 100%, 67%
XYZ	18.6084, 30.4429, 27.0856
YIQ	114.9520, -89.4430, -47.5470

Conversions

Conversions Part 2

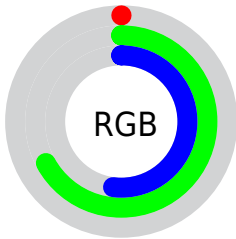
Format	Color
RYB	0, 95, 170
Decimal	43653
CIELab	62.03, -46.02, 8.76
CIELCh	62, 46.851, 169.225
Yxy	30.4429, 0.2444, 0.3998
Android (android.graphics.Color)	4278233733 (0xFF00AA85)
YUV	114.9520, 8.8977, -100.8129
Hunter-Lab	55.1751, -36.3555, 9.5169

Details

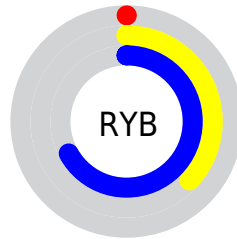
The Hex color **00AA85** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AA0025**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5CE2BA**, and **007553** is the 20% darker color. If you saturate the color by 10%, you get **00AA85**, and if you desaturate by 10%, it is **11AA89**.

Distribution



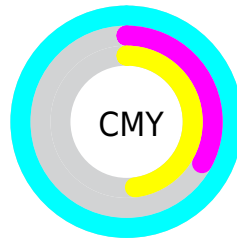
- Red (0%)
- Green (67%)
- Blue (52%)



- Red (0%)
- Yellow (37%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA85 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 00AA85 by changing the saturation by 10% instead.

 00AA85

 00AA85

FFFFFF

 008F6C

 5CE2BA

 007553

 7BFFD6

 005B3C


 9AFFF2

 004227

 B7FFFF

 002C12


 D5FFFF

 000E00

 F4FFFF

 000000

 00AA85

 11AA89

 22AA8C

 33AA90

 44AA94

 55AA97

 66AA9B

 77AA9F

 88AAA3

 99AAA6

Harmonies

Analogous

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



64A55E



00AA85



00ABB0

Triad

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



00AA85



8091E4



D87F58

Complementary

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



00AA85



AA0025

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.



E4747D



00AA85



BA81CD

Square

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



00AA85



009FE7



DB74A7



BB8E42

Rectangle

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



00AA85



00A9C9



DB74A7



DE7A63

Sweetspot

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



00AA85



9BDECF



28AA00



487067



F0F0F0



707070

Same Dimension

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



00AA85



00DEAE



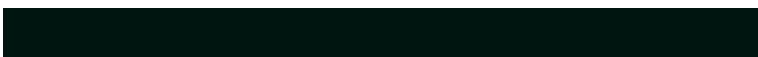
007DAA



4C5452



009474



001410

Inverse Universe

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



AA0025



DE0030



AA2D00



544C4E



940020



140004

Previews

White Background



This preview shows how the Hex color 00AA85 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 00AA85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

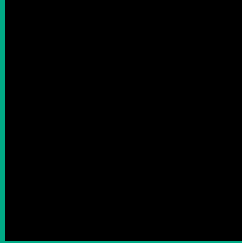
Any Text WCAG AA ✓ Pass

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 00AA85 Background



This preview shows how black text looks on a background with the Hex color 00AA85.

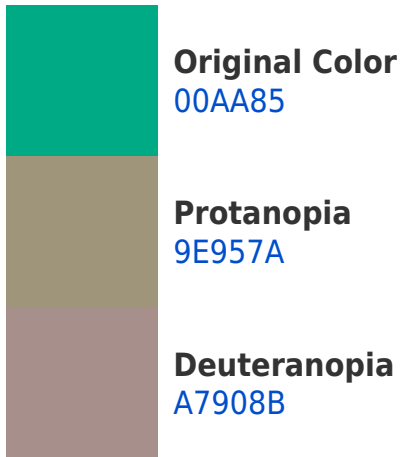


This preview shows how white text looks on a background with the Hex color 00AA85.

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
34A4B1

Trichromacy



Original Color
00AA85



Protanomaly
659D7E



Deuteranomaly
6A9989



Tritanomaly
21A6A1

Monochromacy



Original Color
00AA85



Achromatopsia
737373



Achromatomaly
49877A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA85 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 #00AA85 looks like.

```
.text, #text, p{  
    color:#00AA85  
}
```

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 #00AA85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA85
}
```

Border

The CSS property to change the border of an element to Hex 00AA85 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
#00AA85 }
```

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

```
.border{ border-color:#00AA85 }
```

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

Here you see how a box with a 4 pixel #00AA85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA85; -webkit-box-shadow:4px 4px  
4px 4px #00AA85; box-shadow:4px 4px 4px  
4px #00AA85 }
```

Background

The CSS property to change the background color of an element to Hex 00AA85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA85 }
```

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

```
.background{ background-color:#00AA85 }
```

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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