

Converting Colors

Hex(00AB86)

Have a look what the booklet for
Hex(00AB86) contains.

Hex(00AB86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00AB86)

Conversions

Conversions Part 1

Format	Color
Hex	00AB86
RGB	0, 171, 134
RGB Percent	0%, 67%, 53%
CMY	1.0000, 0.3294, 0.4745
CMYK	1.00, 0.00, 0.22, 0.33
HSL	167°, 100%, 34%
HSV	167°, 100%, 67%
XYZ	18.8660, 30.8471, 27.5140
YIQ	115.6530, -90.0390, -47.7590

Conversions

Conversions Part 2

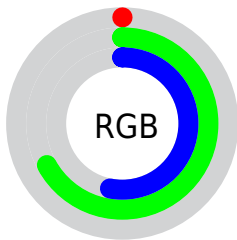
Format	Color
RYB	0, 96, 171
Decimal	43910
CIELab	62.38, -46.17, 8.69
CIELCh	62, 46.984, 169.339
Yxy	30.8471, 0.2443, 0.3994
Android (android.graphics.Color)	4278233990 (0xFF00AB86)
YUV	115.6530, 9.0451, -101.4277
Hunter-Lab	55.5401, -36.5620, 9.5064

Details

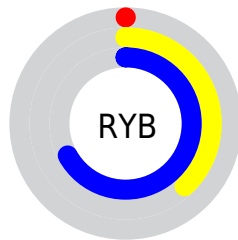
The Hex color **00AB86** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB0025**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5DE3BB**, and **007654** is the 20% darker color. If you saturate the color by 10%, you get **00AB86**, and if you desaturate by 10%, it is **11AB8A**.

Distribution



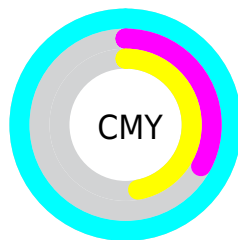
- Red (0%)
- Green (67%)
- Blue (53%)



- Red (0%)
- Yellow (38%)
- Blue (67%)



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



- Cyan (100%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AB86 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 00AB86 by changing the saturation by 10% instead.

 00AB86

 00AB86

FFFFFF

 00906D

 5DE3BB

 007654

 7CFFD7

 005C3D

 9AFFF3

 004327

 B8FFF

 002D13

 D6FFF

 000F00

 F4FFF

 000000

 00AB86

 11AB8A

 22AB8D

 33AB91

 44AB95

 55AB98

 67AB9C

 78ABA0

 89ABA4

 9AABA7

Harmonies

Analogous

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



64A65E



00AB86



00ACB1

Triad

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



00AB86



8192E5



D98059

Complementary

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



00AB86



AB0025

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.



E5757D



00AB86



BC81CE

Square

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



00AB86



00A0E8



DC75A8



BC8F43

Rectangle

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



00AB86



00AACB



DC75A8



DF7B64

Sweetspot

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



00AB86



9BDECF



25AB00



487067



F0F0F0



707070

Same Dimension

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



00AB86



00DEAE



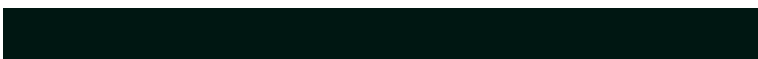
007BAB



4E5755



009676



001712

Inverse Universe

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



AB0025



DE0030



AB3000



574E50



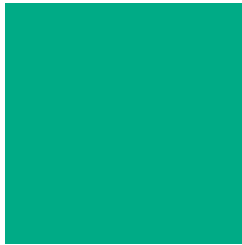
960021



170005

Previews

White Background



This preview shows how the Hex color 00AB86 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 00AB86 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

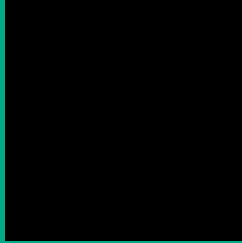
Any Text WCAG AA ✓ Pass

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 00AB86 Background



This preview shows how black text looks on a background with the Hex color 00AB86.

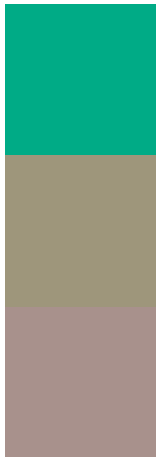


This preview shows how white text looks on a background with the Hex color 00AB86.

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](#).

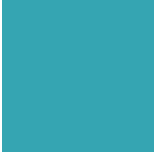
Dichromacy



Original Color
00AB86

Protanopia
9E967B

Deuteranopia
A8918C



Tritanopia
35A5B2

Trichromacy



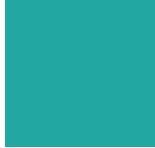
Original Color
00AB86



Protanomaly
659E7F



Deuteranomaly
6B9A8A



Tritanomaly
22A7A2

Monochromacy



Original Color
00AB86



Achromatopsia
747474



Achromatomaly
4A887B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AB86 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 #00AB86 looks like.

```
.text, #text, p{  
    color:#00AB86  
}
```

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 #00AB86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AB86  
}
```

Border

The CSS property to change the border of an element to Hex 00AB86 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  
#00AB86 }
```

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

```
.border{ border-color:#00AB86 }
```

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

Here you see how a box with a 4 pixel #00AB86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AB86; -webkit-box-shadow:4px 4px  
4px 4px #00AB86; box-shadow:4px 4px 4px  
4px #00AB86 }
```

Background

The CSS property to change the background color of an element to Hex 00AB86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AB86 }
```

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

```
.background{ background-color:#00AB86 }
```

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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