

Converting Colors

Hex(00AB82)

Have a look what the booklet for
Hex(00AB82) contains.

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Color

Hex(00AB82)

Conversions

Conversions Part 1

Format	Color
Hex	00AB82
RGB	0, 171, 130
RGB Percent	0%, 67%, 51%
CMY	1.0000, 0.3294, 0.4902
CMYK	1.00, 0.00, 0.24, 0.33
HSL	166°, 100%, 34%
HSV	166°, 100%, 67%
XYZ	18.5922, 30.7375, 26.0721
YIQ	115.1970, -88.7550, -49.0030

Conversions

Conversions Part 2

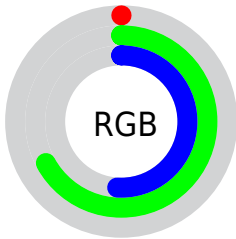
Format	Color
RYB	0, 97, 171
Decimal	43906
CIELab	62.29, -47.19, 10.78
CIELCh	62, 48.406, 167.132
Yxy	30.7375, 0.2466, 0.4076
Android (android.graphics.Color)	4278233986 (0xFF00AB82)
YUV	115.1970, 7.2979, -101.0278
Hunter-Lab	55.4414, -37.1629, 10.9270

Details

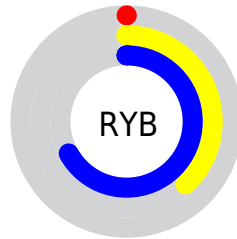
The Hex color **00AB82** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB0029**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DE3B7**, and **007551** is the 20% darker color. If you saturate the color by 10%, you get **00AB82**, and if you desaturate by 10%, it is **11AB86**.

Distribution



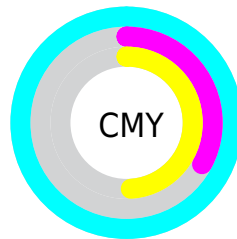
- Red (0%)
- Green (67%)
- Blue (51%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AB82 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 00AB82 by changing the saturation by 10% instead.

 00AB82

 00AB82

FFFFFF

 009069

 5DE3B7

 007551

 7CFFD3

 005C3A

 9AFFEF

 004324

 B8FFFF

 002D0F


 D6FFFF

 000F00

 F4FFFF

 000000

 00AB82

 11AB86

 22AB8A

 33AB8E

 44AB92

 55AB96

 67AB9B

 78AB9F

 89ABA3

 9AABA7

Harmonies

Analogous

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



66A65A



00AB82



00ACAE

Triad

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



00AB82



7A93E9



DC7E59

Complementary

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



00AB82



AB0029

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.



E77380



00AB82



B981D1

Square

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



00AB82



00A0EA



DD74AB



BF8E41

Rectangle

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



00AB82



00ABC9



DD74AB



E27965

Sweetspot

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



00AB82



9BDECE



2BAB00



487067



F0F0F0



707070

Same Dimension

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



00AB82



00DEA9



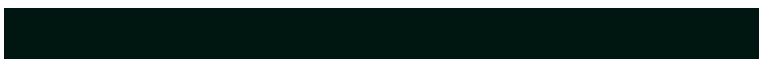
0080AB



4E5755



009672



001711

Inverse Universe

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



AB0029



DE0035



AB2B00



574E50



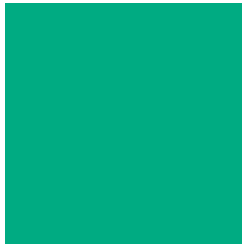
960024



170006

Previews

White Background



This preview shows how the Hex color 00AB82 looks on a white background.

Color Contrast Check

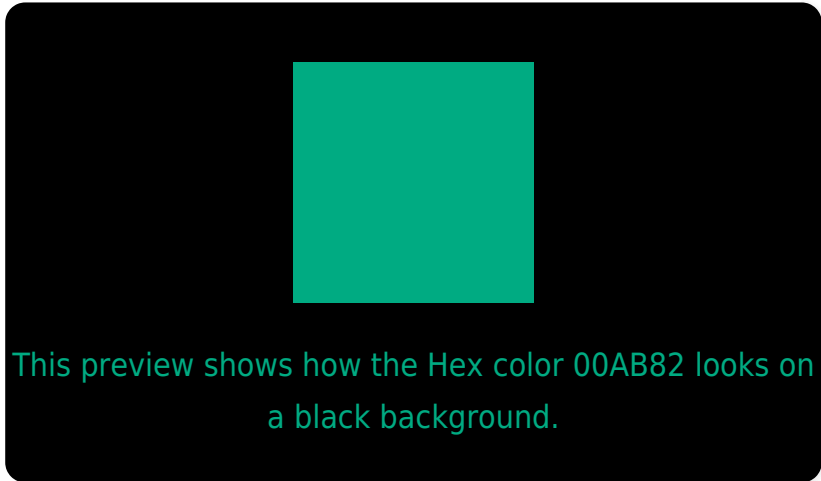
Large Text (above 18pt) WCAG AA × Fail

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

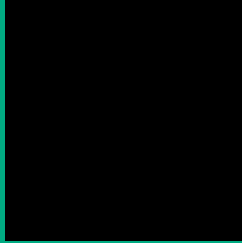
Any Text WCAG AA ✓ Pass

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 00AB82 Background



This preview shows how black text looks on a background with the Hex color 00AB82.



This preview shows how white text looks on a background with the Hex color 00AB82.

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
00AB82

Protanopia
9F9577

Deuteranopia
A99088



Tritanopia
36A5B2

Trichromacy



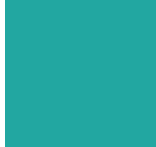
Original Color
00AB82



Protanomaly
659D7B



Deuteranomaly
6C9A86



Tritanomaly
22A7A1

Monochromacy



Original Color
00AB82



Achromatopsia
737373



Achromatomaly
498778

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AB82 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 #00AB82 looks like.

```
.text, #text, p{  
    color:#00AB82  
}
```

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 #00AB82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AB82
}
```

Border

The CSS property to change the border of an element to Hex 00AB82 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
#00AB82 }
```

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

```
.border{ border-color:#00AB82 }
```

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

Here you see how a box with a 4 pixel #00AB82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AB82; -webkit-box-shadow:4px 4px  
4px 4px #00AB82; box-shadow:4px 4px 4px  
4px #00AB82 }
```

Background

The CSS property to change the background color of an element to Hex 00AB82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AB82 }
```

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

```
.background{ background-color:#00AB82 }
```

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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