

Converting Colors

Hex(00A183)

Have a look what the booklet for
Hex(00A183) contains.

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Color

Hex(00A183)

Conversions

Conversions Part 1

Format	Color
Hex	00A183
RGB	0, 161, 131
RGB Percent	0%, 63%, 51%
CMY	1.0000, 0.3686, 0.4863
CMYK	1.00, 0.00, 0.19, 0.37
HSL	169°, 100%, 32%
HSV	169°, 100%, 63%
XYZ	16.8416, 27.1284, 25.8214
YIQ	109.4410, -86.3260, -43.4620

Conversions

Conversions Part 2

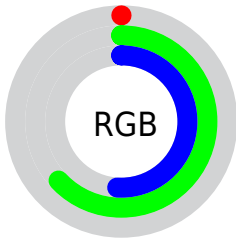
Format	Color
RYB	0, 89, 161
Decimal	41347
CIELab	59.09, -42.84, 5.68
CIELCh	59, 43.216, 172.453
Yxy	27.1284, 0.2413, 0.3887
Android (android.graphics.Color)	4278231427 (0xFF00A183)
YUV	109.4410, 10.6286, -95.9798
Hunter-Lab	52.0850, -33.4309, 7.0661

Details

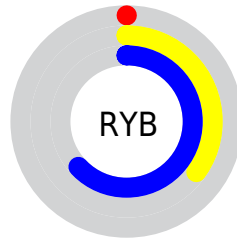
The Hex color **00A183** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A1001E**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5AD9B8**, and **006C52** is the 20% darker color. If you saturate the color by 10%, you get **00A183**, and if you desaturate by 10%, it is **10A186**.

Distribution



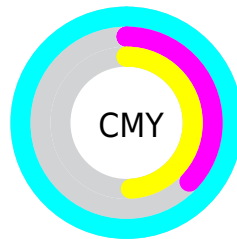
- Red (0%)
- Green (63%)
- Blue (51%)



- Red (0%)
- Yellow (35%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A183 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 00A183 by changing the saturation by 10% instead.

 00A183

 00A183


FFFFFF

 00866A

 5AD9B8

 006C52

 79F5D4

 00533B

 96FFF0

 003B25

 B4FFF0

 002610

 D2FFF0

 000000

 F0FFFF

 00A183

 10A186

 20A189

 30A18C

 40A18F

 51A192

 61A195

 71A198

 81A19B

 91A19E

Harmonies

Analogous

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



5C9D5E



00A183



00A1AA

Triad

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



00A183



8288D4



C97B53

Complementary

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



00A183



A1001E

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.



D67073



00A183



B479BD

Square

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



00A183



2F95D9



D06F99



AD8941

Rectangle

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



00A183



009FC0



D06F99



CF775D

Sweetspot

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



00A183



92D1C5



20A100



436962



E8E8E8



696969

Same Dimension

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



00A183



00D1AA



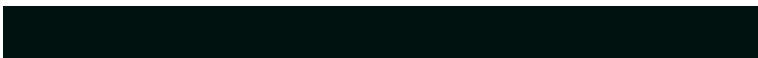
0071A1



495250



009176



00120F

Inverse Universe

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



A1001E



D10027



A13000



52494B



91001B



120003

Previews

White Background



This preview shows how the Hex color 00A183 looks on a white background.

Color Contrast Check

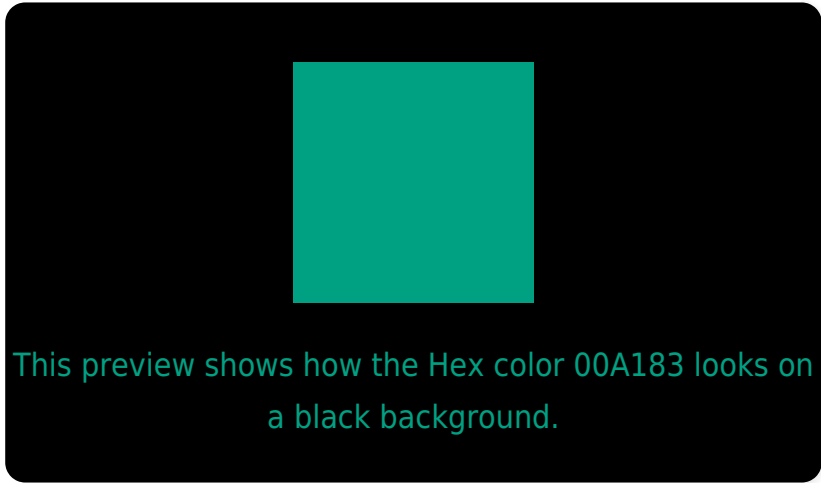
Large Text (above 18pt) WCAG AA ✓ Pass

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

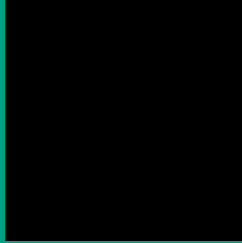
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A183 Background



This preview shows how black text looks on a background with the Hex color 00A183.

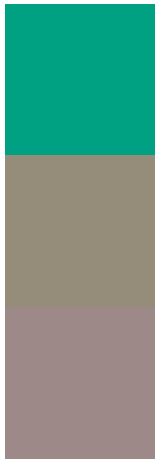


This preview shows how white text looks on a background with the Hex color 00A183.

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](#).

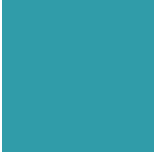
Dichromacy



Original Color
00A183

Protanopia
958D79

Deuteranopia
9D8988



Tritanopia
309CA9

Trichromacy



Original Color
00A183



Protanomaly
5F947D



Deuteranomaly
649286



Tritanomaly
1F9E9B

Monochromacy



Original Color
00A183



Achromatopsia
6D6D6D



Achromatomaly
458075

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A183 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 #00A183 looks like.

```
.text, #text, p{  
    color:#00A183  
}
```

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 #00A183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A183
}
```

Border

The CSS property to change the border of an element to Hex 00A183 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
#00A183 }
```

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

```
.border{ border-color:#00A183 }
```

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

Here you see how a box with a 4 pixel #00A183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A183; -webkit-box-shadow:4px 4px  
4px 4px #00A183; box-shadow:4px 4px 4px  
4px #00A183 }
```

Background

The CSS property to change the background color of an element to Hex 00A183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A183 }
```

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

```
.background{ background-color:#00A183 }
```

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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