

Converting Colors

Hex(00A683)

Have a look what the booklet for
Hex(00A683) contains.

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Color

Hex(00A683)

Conversions

Conversions Part 1

Format	Color
Hex	00A683
RGB	0, 166, 131
RGB Percent	0%, 65%, 51%
CMY	1.0000, 0.3490, 0.4863
CMYK	1.00, 0.00, 0.21, 0.35
HSL	167°, 100%, 33%
HSV	167°, 100%, 65%
XYZ	17.7330, 28.9111, 26.1185
YIQ	112.3760, -87.7010, -46.0770

Conversions

Conversions Part 2

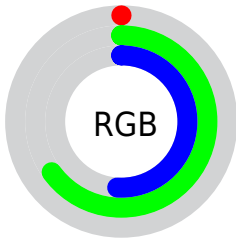
Format	Color
RYB	0, 93, 166
Decimal	42627
CIELab	60.70, -44.91, 7.98
CIELCh	61, 45.615, 169.926
Yxy	28.9111, 0.2437, 0.3973
Android (android.graphics.Color)	4278232707 (0xFF00A683)
YUV	112.3760, 9.1816, -98.5538
Hunter-Lab	53.7691, -35.2269, 8.8380

Details

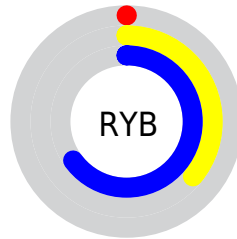
The Hex color **00A683** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A60023**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5BDEB8**, and **007152** is the 20% darker color. If you saturate the color by 10%, you get **00A683**, and if you desaturate by 10%, it is **11A686**.

Distribution



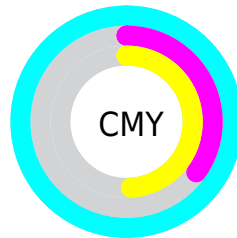
- Red (0%)
- Green (65%)
- Blue (51%)



- Red (0%)
- Yellow (36%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A683 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 00A683 by changing the saturation by 10% instead.

 00A683

 00A683


FFFFFF

 008B6A

 5BDEB8

 007152

 7AFBD4

 00573B

 98FFF0

 003F25

 B6FFF0

 002A10


 D4FFF0

 000500

 F2FFF0

 000000

 00A683

 11A686

 21A68A

 32A68D

 42A691

 53A694

 64A698

 74A69B

 85A69F

 95A6A2

Harmonies

Analogous

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



61A15D



00A683



00A7AD

Triad

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



00A683



7F8DDE



D27D56

Complementary

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



00A683



A60023

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.



DE7279



00A683



B77DC7

Square

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



00A683



119BE1



D672A2



B68B41

Rectangle

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



00A683



00A5C5



D672A2



D87861

Sweetspot

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



00A683



98D9CB



24A600



466E65



EDEDED



6E6E6E

Same Dimension

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



00A683



00D9AB



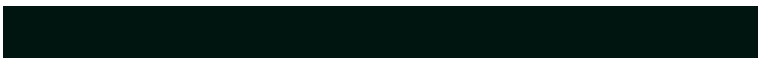
0077A6



4C5452



009475



001410

Inverse Universe

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



A60023



D9002E



A62F00



544C4E



94001F



140004

Previews

White Background



This preview shows how the Hex color 00A683 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



This preview shows how the Hex color 00A683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

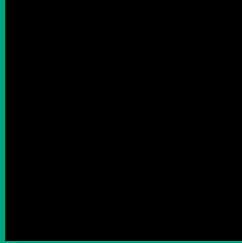
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 00A683 Background



This preview shows how black text looks on a background with the Hex color 00A683.

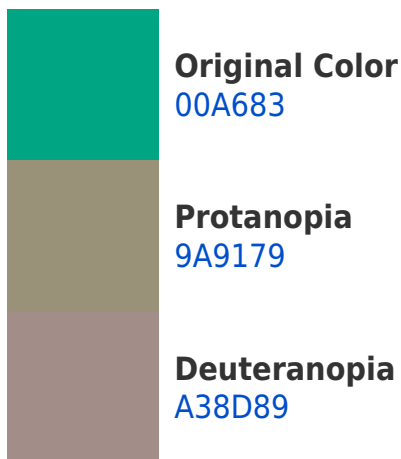


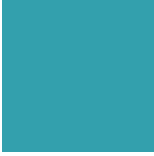
This preview shows how white text looks on a background with the Hex color 00A683.

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
33A0AD

Trichromacy



Original Color
00A683



Protanomaly
62997D



Deuteranomaly
689687



Tritanomaly
20A29E

Monochromacy



Original Color
00A683



Achromatopsia
707070



Achromatomaly
478477

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A683 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 #00A683 looks like.

```
.text, #text, p{  
    color:#00A683  
}
```

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 #00A683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A683
}
```

Border

The CSS property to change the border of an element to Hex 00A683 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
#00A683 }
```

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

```
.border{ border-color:#00A683 }
```

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

Here you see how a box with a 4 pixel #00A683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A683; -webkit-box-shadow:4px 4px  
4px 4px #00A683; box-shadow:4px 4px 4px  
4px #00A683 }
```

Background

The CSS property to change the background color of an element to Hex 00A683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A683 }
```

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

```
.background{ background-color:#00A683 }
```

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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