

# Converting Colors

Hex(00A485)

Have a look what the booklet for  
Hex(00A485) contains.

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# Color

Hex(00A485)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A485
RGB	0, 164, 133
RGB Percent	0%, 64%, 52%
CMY	1.0000, 0.3569, 0.4784
CMYK	1.00, 0.00, 0.19, 0.36
HSL	169°, 100%, 32%
HSV	169°, 100%, 64%
XYZ	17.5091, 28.2444, 26.7192
YIQ	111.4300, -87.7930, -44.4090

# Conversions

## Conversions Part 2

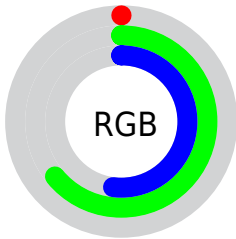
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 91, 164</a>
Decimal	<a href="#">42117</a>
CIELab	<a href="#">60.11, -43.56, 6.01</a>
CIElCh	<a href="#">60, 43.970, 172.146</a>
Yxy	<a href="#">28.2444, 0.2416, 0.3897</a>
Android (android.graphics.Color)	<a href="#">4278232197</a> ( <a href="#">0xFF00A485</a> )
YUV	<a href="#">111.4300, 10.6340, -97.7241</a>
Hunter-Lab	<a href="#">53.1454, -34.1966, 7.3934</a>

# Details

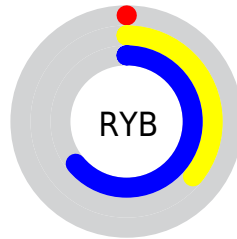
The Hex color **00A485** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A4001F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5BDCBA**, and **006F54** is the 20% darker color. If you saturate the color by 10%, you get **00A485**, and if you desaturate by 10%, it is **10A488**.

# Distribution



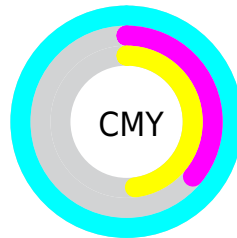
- Red (0%)
- Green (64%)
- Blue (52%)



- Red (0%)
- Yellow (36%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A485 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 00A485 by changing the saturation by 10% instead.



 00A485

 00A485

FFFFFF

 00896C

 5BDCBA

 006F54

 7AF9D6

 00563C

 98FFF2

 003D27

 B5FFF2

 002912

 D3FFF2

 000100

 F1FFF2

 000000

 00A485

 10A488

 21A48B

 31A48E

 42A491

 52A494

 62A498

 73A49B

 83A49E

 94A4A1

# Harmonies

## Analogous

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



5EA060



00A485



00A4AD

# Triad

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



00A485



848BD9



CD7D55

# Complementary

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



00A485



A4001F

# 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.



DA7276



00A485



B77CC1

# Square

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



00A485



2D98DD



D4719D



B18B42

# Rectangle

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



00A485



00A2C4



D4719D



D3795F



# Sweetspot

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



00A485



96D6CA



21A400



456B64



EBEBEB



6B6B6B



# Same Dimension

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



00A485



00D6AE



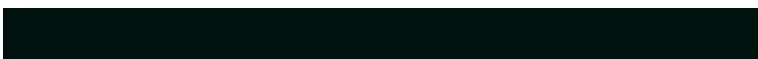
0073A4



495250



009176



00120E



# Inverse Universe

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



A4001F



D60028



A43100



52494B



91001B

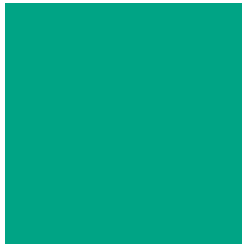


120003



# Previews

## White Background



This preview shows how the Hex color 00A485 looks on a white background.

## Color Contrast Check

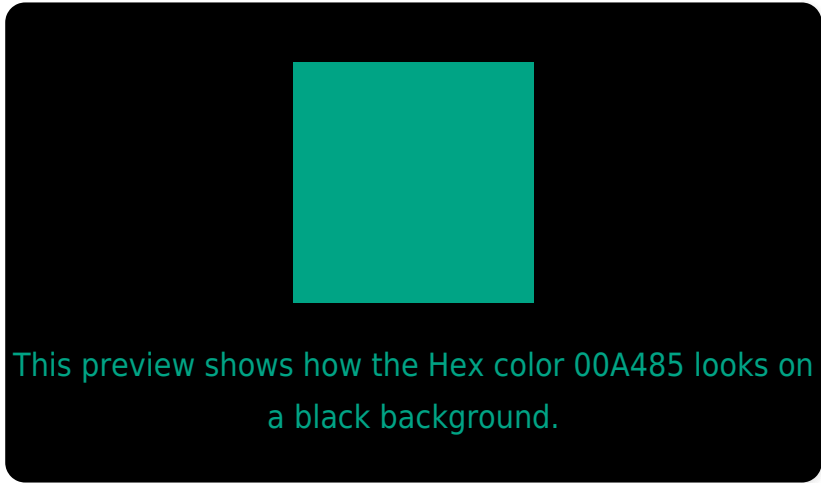
Large Text (above 18pt) WCAG AA ✓ Pass

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

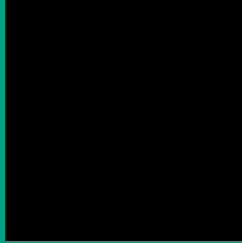
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A485 Background



This preview shows how black text looks on a background with the Hex color 00A485.

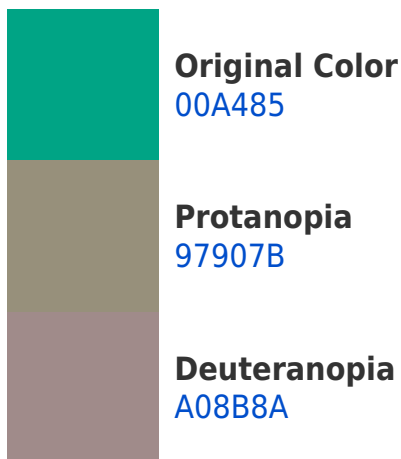


This preview shows how white text looks on a background with the Hex color 00A485.

# 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





# Trichromacy



**Original Color**  
00A485



**Protanomaly**  
60977F



**Deuteranomaly**  
669488



**Tritanomaly**  
1FA19E

# Monochromacy



**Original Color**  
00A485



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
478277

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A485 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 #00A485 looks like.

```
.text, #text, p{  
    color:#00A485  
}
```

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 #00A485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A485
}
```

## Border

The CSS property to change the border of an element to Hex 00A485 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
#00A485 }
```

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

```
.border{ border-color:#00A485 }
```

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

Here you see how a box with a 4 pixel #00A485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A485; -webkit-box-shadow:4px 4px  
4px 4px #00A485; box-shadow:4px 4px 4px  
4px #00A485 }
```

# Background

The CSS property to change the background color of an element to Hex 00A485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A485 }
```

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

```
.background{ background-color:#00A485 }
```

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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