

# Converting Colors

Hex(4AB982)

Have a look what the booklet for  
Hex(4AB982) contains.

<b>Hex(4AB982)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4AB982)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AB982
RGB	74, 185, 130
RGB Percent	29%, 73%, 51%
CMY	0.7098, 0.2745, 0.4902
CMYK	0.60, 0.00, 0.30, 0.27
HSL	150°, 44%, 51%
HSV	150°, 60%, 73%
XYZ	24.2023, 37.7655, 27.1330
YIQ	145.5410, -48.5010, -40.6370

# Conversions

## Conversions Part 2

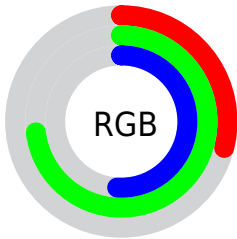
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 148, 185
Decimal	4897154
CIELab	67.85, -44.50, 18.71
CIElCh	68, 48.269, 157.196
Yxy	37.7655, 0.2716, 0.4239
Android (android.graphics.Color)	4283087234 (0xFF4AB982)
YUV	145.5410, -7.6617, -62.7415
Hunter-Lab	61.4536, -37.2452, 16.8398

# Details

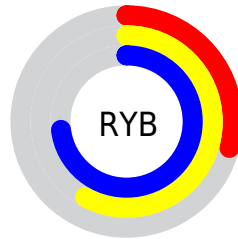
The Hex color **4AB982** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B94A81**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **84F2B7**, and **008350** is the 20% darker color. If you saturate the color by 10%, you get **38B979**, and if you desaturate by 10%, it is **5DB98B**.

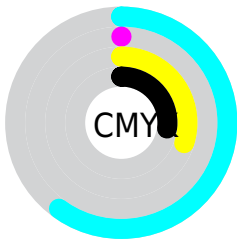
# Distribution



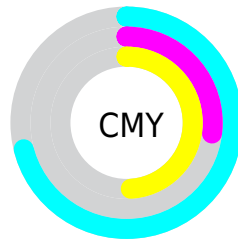
- Red (29%)
- Green (73%)
- Blue (51%)



- Red (29%)
- Yellow (58%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AB982 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 4AB982 by changing the saturation by 10% instead.



 4AB982

 4AB982

FFFFFF

 299E69

 84F2B7

 008350

 A1FFD3

 006939

 BEFFEF

 005023

 DBFFFF

 00380E

 F9FFFF

 002200

 000000

 4AB982

 4AB982

 38B979

 5DB98B

 25B970

 6FB994

 12B967

 82B99E

 00B95D

 94B9A7

 A7B9B0

 B9B9B9

 CCB9C2

 DEB9CB

 F1B9D5

# Harmonies

## Analogous

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



87B25D



4AB982



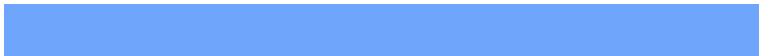
00BCAF

# Triad

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



4AB982



6FA6FC



F28873

# Complementary

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



4AB982



B94A81

# 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.



F7819C



4AB982



B796EB

# Square

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



4AB982



00B3F5



E486C8



DB9755

# Rectangle

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



4AB982



00BBCC



E486C8



F68480



# Sweetspot

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



4AB982



C5F0DA



82B94A



5D786B



F7F7F7



787878



# Same Dimension

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



4AB982



43F09A



4AB9B9



535C57



009C4E



001C0E



# Inverse Universe

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



B94A81



F04399



B94A4A



5C5357



9C004D



1C000E



# Previews

## White Background



This preview shows how the Hex color 4AB982 looks on a white background.

## Color Contrast Check

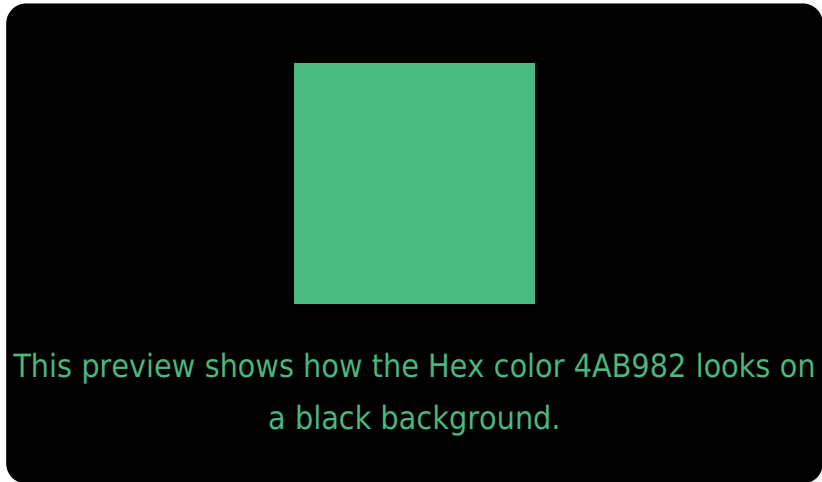
Large Text (above 18pt) WCAG AA × Fail

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

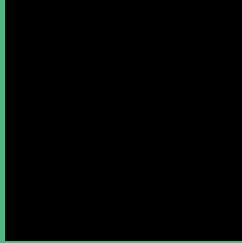
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AB982 Background



This preview shows how black text looks on a background with the Hex color 4AB982.

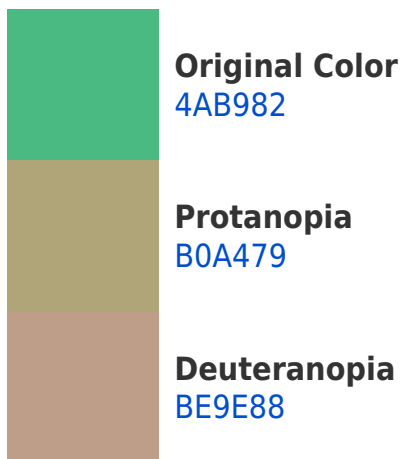


This preview shows how white text looks on a background with the Hex color 4AB982.

# 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](#).

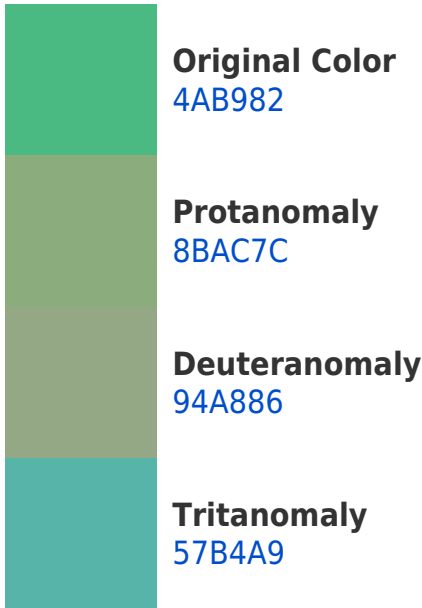
## Dichromacy





**Tritanopia**  
5EB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AB982 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 #4AB982 looks like.

```
.text, #text, p{  
    color:#4AB982  
}
```

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 #4AB982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB982
}
```

## Border

The CSS property to change the border of an element to Hex 4AB982 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
#4AB982 }
```

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

```
.border{ border-color:#4AB982 }
```

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

Here you see how a box with a 4 pixel #4AB982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB982; -webkit-box-shadow:4px 4px  
4px 4px #4AB982; box-shadow:4px 4px 4px  
4px #4AB982 }
```

# Background

The CSS property to change the background color of an element to Hex 4AB982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB982 }
```

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

```
.background{ background-color:#4AB982 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor