

# Converting Colors

Hex(4DAB8D)

Have a look what the booklet for  
Hex(4DAB8D) contains.

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**Color**

**Hex(4DAB8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DAB8D
RGB	77, 171, 141
RGB Percent	30%, 67%, 55%
CMY	0.6980, 0.3294, 0.4471
CMYK	0.55, 0.00, 0.18, 0.33
HSL	161°, 38%, 49%
HSV	161°, 55%, 67%
XYZ	22.4312, 32.6267, 30.3146
YIQ	139.4740, -46.3940, -29.2580

# Conversions

## Conversions Part 2

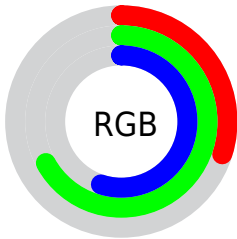
Format	Color
<a href="#">RYB</a>	<a href="#">77, 133, 171</a>
Decimal	<a href="#">5090189</a>
CIELab	<a href="#">63.86, -35.23, 7.09</a>
CIELCh	<a href="#">64, 35.932, 168.620</a>
Yxy	<a href="#">32.6267, 0.2627, 0.3822</a>
Android (android.graphics.Color)	<a href="#">4283280269 (0xFF4DAB8D)</a>
YUV	<a href="#">139.4740, 0.7523, -54.7897</a>
Hunter-Lab	<a href="#">57.1198, -29.8618, 8.5174</a>

# Details

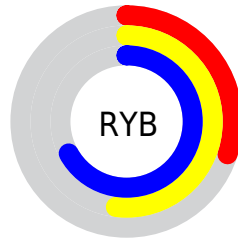
The Hex color **4DAB8D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB4D6B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **85E3C3**, and **03765B** is the 20% darker color. If you saturate the color by 10%, you get **3CAB88**, and if you desaturate by 10%, it is **5EAB92**.

# Distribution



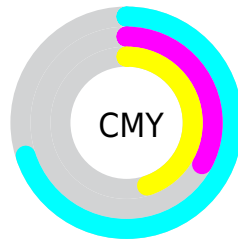
- Red (30%)
- Green (67%)
- Blue (55%)



- Red (30%)
- Yellow (52%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DAB8D 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 4DAB8D by changing the saturation by 10% instead.



4DAB8D

4DAB8D

FFFFFF

2F9073

85E3C3

03765B

A1FFDF

005D43

BEFFFB

00442D

DBFFFF

002D19

F8FFFF

001600

000000

4DAB8D

4DAB8D

3CAB88

5EAB92

 2BAB82

 6FAB98

 1AAB7D

 80AB9D

 09AB77

 91ABA3

 00AB74

 A2ABA8

 B4ABAE

 C5ABB3

 D6ABB9

 E7ABBE

# Harmonies

## Analogous

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



77A76F



4DAB8D



17ACAE

# Triad

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



4DAB8D



8C97D7



D08A6C

# Complementary

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



4DAB8D



AB4D6B

# 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.



D98288



4DAB8D



B78BC5

# Square

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



4DAB8D



55A2D9



D183A8



BA955C

# Rectangle

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



4DAB8D



00AAC2



D183A8



D58774



# Sweetspot

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



4DAB8D



BADED3



6CAB4D



5B7069



F0F0F0



707070



# Same Dimension

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



4DAB8D



4BDEAF



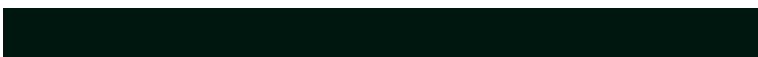
4D9BAB



4E5754



009666



001710



# Inverse Universe

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



AB4D6B



DE4B7A



AB5D4D



574E51



960030

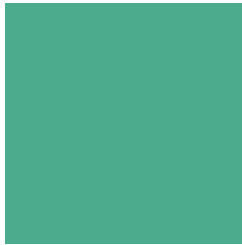


170007



# Previews

## White Background



This preview shows how the Hex color 4DAB8D looks on a white background.

## Color Contrast Check

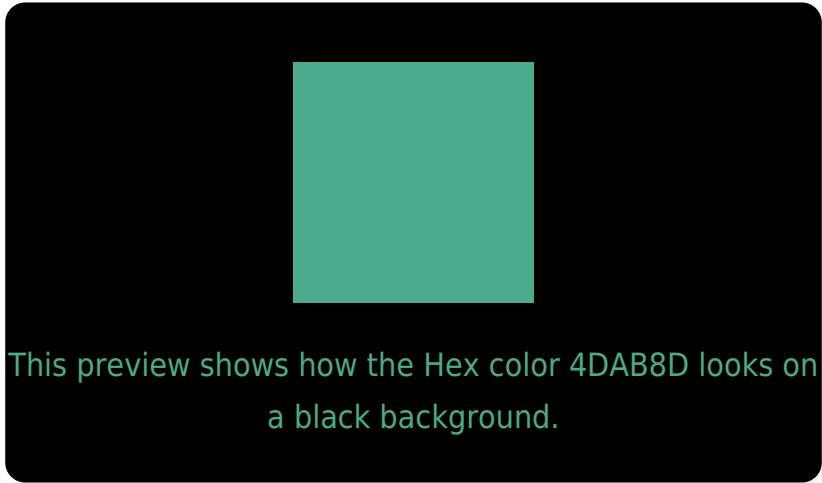
Large Text (above 18pt) WCAG AA × Fail

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

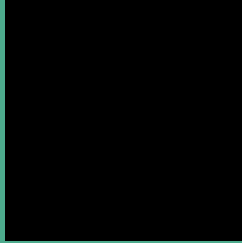
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DAB8D Background



This preview shows how black text looks on a background with the Hex color 4DAB8D.

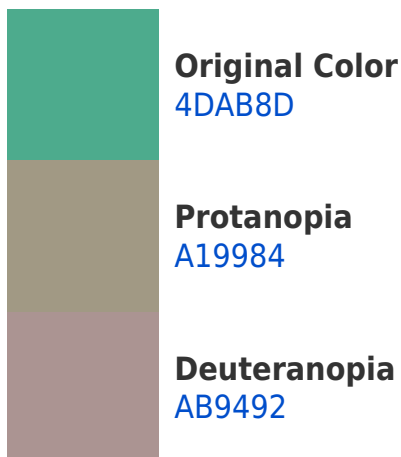


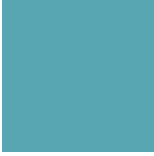
This preview shows how white text looks on a background with the Hex color 4DAB8D.

# 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](#).

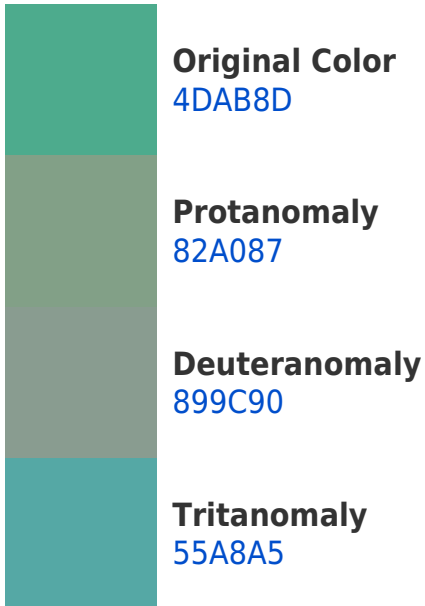
## Dichromacy



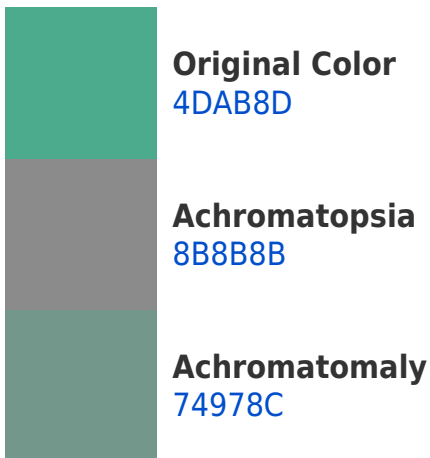


**Tritanopia**  
59A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DAB8D 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 #4DAB8D looks like.

```
.text, #text, p{  
    color:#4DAB8D  
}
```

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 #4DAB8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAB8D
}
```

## Border

The CSS property to change the border of an element to Hex 4DAB8D 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
#4DAB8D }
```

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

```
.border{ border-color:#4DAB8D }
```

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

Here you see how a box with a 4 pixel #4DAB8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAB8D; -webkit-box-shadow:4px 4px  
4px 4px #4DAB8D; box-shadow:4px 4px 4px  
4px #4DAB8D }
```

# Background

The CSS property to change the background color of an element to Hex 4DAB8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAB8D }
```

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

```
.background{ background-color:#4DAB8D }
```

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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