

# Converting Colors

Hex(4CA987)

Have a look what the booklet for  
Hex(4CA987) contains.

<b>Hex(4CA987)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4CA987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CA987
RGB	76, 169, 135
RGB Percent	30%, 66%, 53%
CMY	0.7020, 0.3373, 0.4706
CMYK	0.55, 0.00, 0.20, 0.34
HSL	158°, 38%, 48%
HSV	158°, 55%, 66%
XYZ	21.5416, 31.6617, 27.8976
YIQ	137.3170, -44.5140, -30.2900

# Conversions

## Conversions Part 2

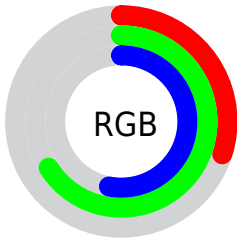
Format	Color
<a href="#">RYB</a>	<a href="#">76, 133, 169</a>
Decimal	<a href="#">5024135</a>
CIELab	<a href="#">63.06, -35.94, 9.29</a>
CIElCh	<a href="#">63, 37.118, 165.512</a>
Yxy	<a href="#">31.6617, 0.2656, 0.3904</a>
Android (android.graphics.Color)	<a href="#">4283214215 (0xFF4CA987)</a>
YUV	<a href="#">137.3170, -1.1423, -53.7750</a>
Hunter-Lab	<a href="#">56.2687, -30.1343, 9.9926</a>

# Details

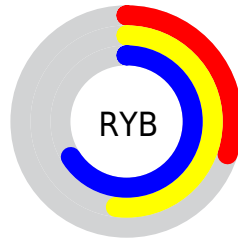
The Hex color **4CA987** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A94C6E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **84E1BC**, and **037455** is the 20% darker color. If you saturate the color by 10%, you get **3BA981**, and if you desaturate by 10%, it is **5DA98D**.

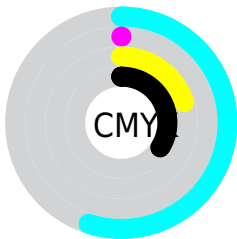
# Distribution



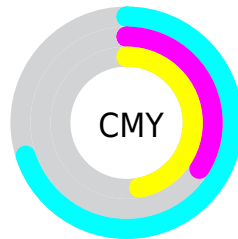
- Red (30%)
- Green (66%)
- Blue (53%)



- Red (30%)
- Yellow (52%)
- Blue (66%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)



- Cyan (70%)
- Magenta (34%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA987 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 4CA987 by changing the saturation by 10% instead.





4CA987



4CA987

FFFFFF



2E8E6E



84E1BC



037455



A0FED8



005B3E



BCFFF4



004328



D9FFFF



002C14



F7FFFF



001300



000000



4CA987



4CA987



3BA981



5DA98D

 2AA97B

 6EA993

 19A974

 7FA99A

 08A96E

 90A9A0

 00A96B

 A0A9A6

 B1A9AC

 C2A9B2

 D3A9B8

 E4A9BF

# Harmonies

## Analogous

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



78A469



4CA987



01AAA9

# Triad

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



4CA987



8496D8



D1866B

# Complementary

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



4CA987



A94C6E

# 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.



D97F89



4CA987



B28AC7

# Square

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



4CA987



48A1D8



CF80AA



BC9159

# Rectangle

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



4CA987



00A9BE



CF80AA



D68374



# Sweetspot

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



4CA987



B6DBCE



6EA94C



586E66



EDEDED



6E6E6E



# Same Dimension

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



4CA987



4BDBA6



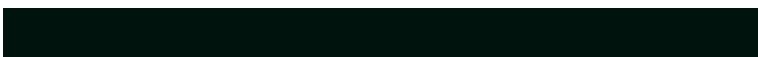
4C9DA9



4C5451



00945E



00140D



# Inverse Universe

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



A94C6E



DB4B7F



A9584C



544C4F



940036



140007



# Previews

## White Background



This preview shows how the Hex color 4CA987 looks on a white background.

## Color Contrast Check

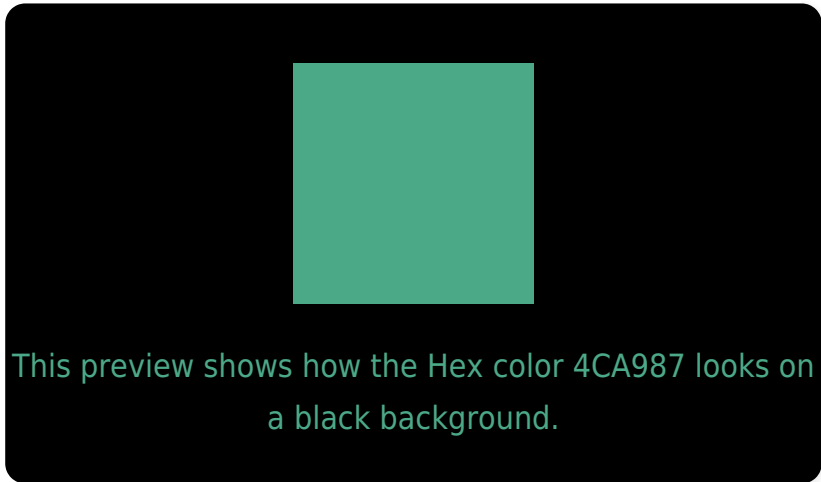
Large Text (above 18pt) WCAG AA × Fail

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 4CA987 Background



This preview shows how black text looks on a background with the Hex color 4CA987.



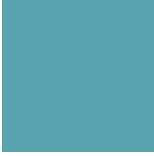
This preview shows how white text looks on a background with the Hex color 4CA987.

# 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](#).

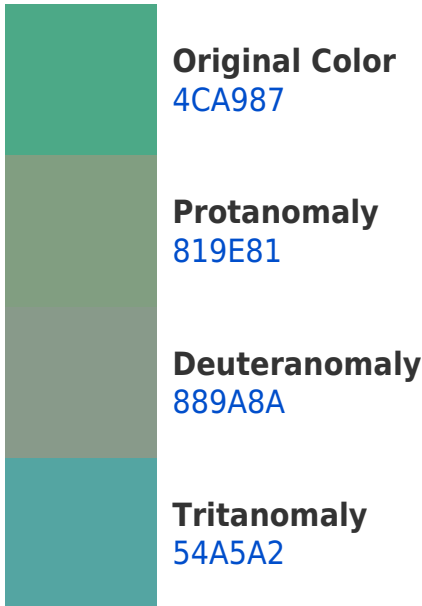
## Dichromacy





**Tritanopia**  
59A3B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA987 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 #4CA987 looks like.

```
.text, #text, p{  
    color:#4CA987  
}
```

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 #4CA987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA987
}
```

## Border

The CSS property to change the border of an element to Hex 4CA987 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
#4CA987 }
```

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

```
.border{ border-color:#4CA987 }
```

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

Here you see how a box with a 4 pixel #4CA987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA987; -webkit-box-shadow:4px 4px  
4px 4px #4CA987; box-shadow:4px 4px 4px  
4px #4CA987 }
```

# Background

The CSS property to change the background color of an element to Hex 4CA987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA987 }
```

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

```
.background{ background-color:#4CA987 }
```

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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