

Converting Colors

Hex(4CAD8B)

Have a look what the booklet for
Hex(4CAD8B) contains.

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Color

Hex(4CAD8B)

Conversions

Conversions Part 1

Format	Color
Hex	4CAD8B
RGB	76, 173, 139
RGB Percent	30%, 68%, 55%
CMY	0.7020, 0.3216, 0.4549
CMYK	0.56, 0.00, 0.20, 0.32
HSL	159°, 39%, 49%
HSV	159°, 56%, 68%
XYZ	22.5843, 33.2877, 29.6610
YIQ	140.1210, -46.8980, -31.1380

Conversions

Conversions Part 2

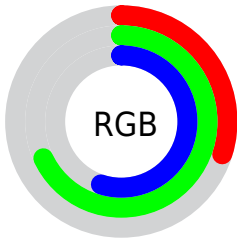
Format	Color
RYB	76, 135, 173
Decimal	5025163
CIELab	64.39, -36.83, 8.96
CIElCh	64, 37.907, 166.329
Yxy	33.2877, 0.2640, 0.3892
Android (android.graphics.Color)	4283215243 (0xFF4CAD8B)
YUV	140.1210, -0.5527, -56.2341
Hunter-Lab	57.6955, -31.0953, 9.9062

Details

The Hex color **4CAD8B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD4C6E**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **84E5C0**, and **007859** is the 20% darker color. If you saturate the color by 10%, you get **3BAD85**, and if you desaturate by 10%, it is **5DAD91**.

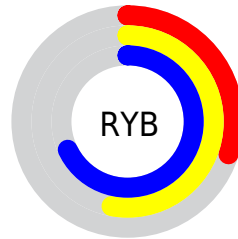
Distribution



Red (30%)

Green (68%)

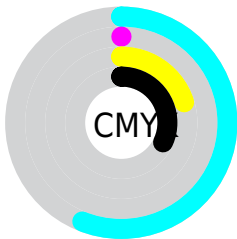
Blue (55%)



Red (30%)

Yellow (53%)

Blue (68%)

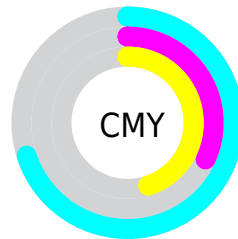


Cyan (56%)

Magenta (0%)

Yellow (20%)

Black (32%)



Cyan (70%)

Magenta (32%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CAD8B 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 4CAD8B by changing the saturation by 10% instead.

 4CAD8B

 4CAD8B

FFFFFF

 2E9272

 84E5C0

 007859

 A1FFDC

 005F42

 BDFFF9

 00462B

 DAFFFF

 002F17

 F8FFFF

 001800

 000000

 4CAD8B

 4CAD8B

 3BAD85

 5DAD91

 29AD7F

 6FAD97

 18AD79

 80AD9D

 07AD73

 91ADA3

 00AD70

 A3ADA9

 B4ADAF

 C5ADB5

 D6ADBC

 E8ADC2

Harmonies

Analogous

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



79A86C



4CAD8B



00AEAE

Triad

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



4CAD8B



8899DD



D6896D

Complementary

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



4CAD8B



AD4C6E

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.



DE828B



4CAD8B



B78DCB

Square

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



4CAD8B



4BA4DD



D483AD



BF955A

Rectangle

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



4CAD8B



00ADC3



D483AD



DA8676

Sweetspot

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



4CAD8B



BAE0D3



70AD4C



5A7068



F0F0F0



707070

Same Dimension

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



4CAD8B



4AE0AC



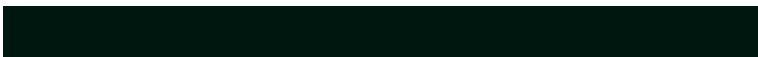
4CA0AD



4E5754



009662



00170F

Inverse Universe

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



AD4C6E



E04A7F



AD594C



574E51



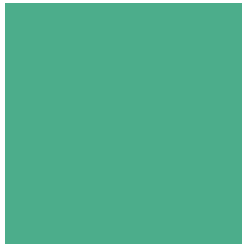
960035



170008

Previews

White Background



This preview shows how the Hex color 4CAD8B 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



This preview shows how the Hex color 4CAD8B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

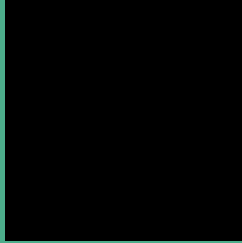
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 4CAD8B Background



This preview shows how black text looks on a background with the Hex color 4CAD8B.

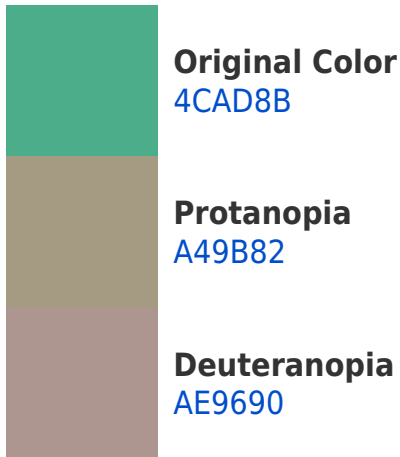


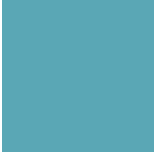
This preview shows how white text looks on a background with the Hex color 4CAD8B.

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](#).

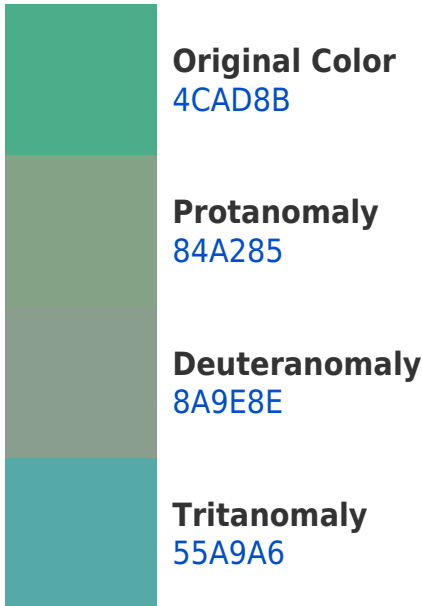
Dichromacy



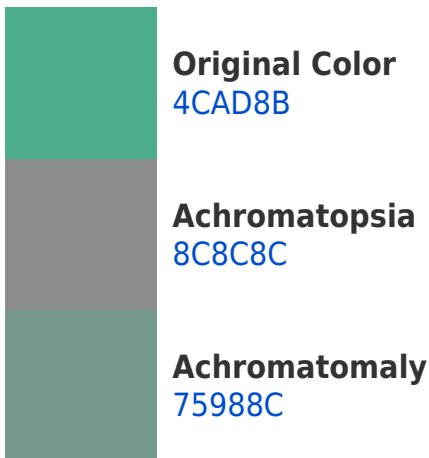


Tritanopia
5AA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CAD8B 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 #4CAD8B looks like.

```
.text, #text, p{  
    color:#4CAD8B  
}
```

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 #4CAD8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CAD8B
}
```

Border

The CSS property to change the border of an element to Hex 4CAD8B 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
#4CAD8B }
```

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

```
.border{ border-color:#4CAD8B }
```

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

Here you see how a box with a 4 pixel #4CAD8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CAD8B; -webkit-box-shadow:4px 4px  
4px 4px #4CAD8B; box-shadow:4px 4px 4px  
4px #4CAD8B }
```

Background

The CSS property to change the background color of an element to Hex 4CAD8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CAD8B }
```

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

```
.background{ background-color:#4CAD8B }
```

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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