

Converting Colors

Hex(4CA49B)

Have a look what the booklet for
Hex(4CA49B) contains.

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Color

Hex(4CA49B)

Conversions

Conversions Part 1

Format	Color
Hex	4CA49B
RGB	76, 164, 155
RGB Percent	30%, 64%, 61%
CMY	0.7020, 0.3569, 0.3922
CMYK	0.54, 0.00, 0.05, 0.36
HSL	174°, 37%, 47%
HSV	174°, 54%, 64%
XYZ	22.1723, 30.4540, 35.7199
YIQ	136.6620, -49.5590, -21.4550

Conversions

Conversions Part 2

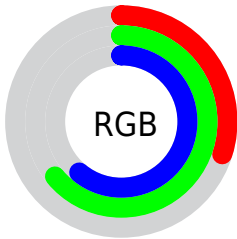
Format	Color
RYB	76, 122, 164
Decimal	5022875
CIELab	62.04, -28.60, -3.38
CIELCh	62, 28.801, 186.736
Yxy	30.4540, 0.2510, 0.3447
Android (android.graphics.Color)	4283212955 (0xFF4CA49B)
YUV	136.6620, 9.0406, -53.2006
Hunter-Lab	55.1851, -24.8560, 0.2527

Details

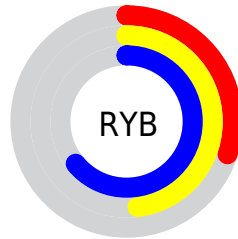
The Hex color **4CA49B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A44C55**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **84DBD1**, and **017068** is the 20% darker color. If you saturate the color by 10%, you get **3CA499**, and if you desaturate by 10%, it is **5CA49D**.

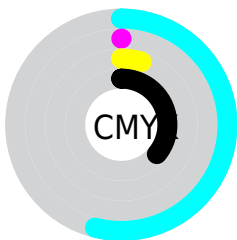
Distribution



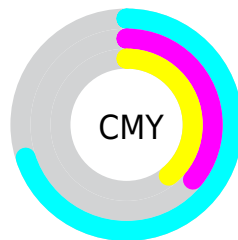
- Red (30%)
- Green (64%)
- Blue (61%)



- Red (30%)
- Yellow (48%)
- Blue (64%)



- Cyan (54%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA49B 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 4CA49B by changing the saturation by 10% instead.



4CA49B



4CA49B

FFFFFF



2E8981



84DBD1



017068



A0F8EE



005750



BDFFFF



003F39



DAFFFF



002924



F7FFFF



000E0F



000000



4CA49B



4CA49B



3CA499



5CA49D

■ 2BA498

■ 6DA49E

■ 1BA496

■ 7DA4A0

■ 0AA494

■ 8EA4A2

■ 00A493

■ 9EA4A3

■ AEA4A5

■ BFA4A7

■ CFA4A8

■ E0A4AA

Harmonies

Analogous

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



68A281



4CA49B



41A3B4

Triad

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



4CA49B



A18DBF



B98E68

Complementary

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



4CA49B



A44C55

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.



C68679



4CA49B



BB86AB

Square

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



4CA49B



7D96C8



C88391



A29663

Rectangle

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



4CA49B



4CA0C0



C88391



BE8B6C

Sweetspot

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



4CA49B



B4D6D3



56A44C



576B69



EBEBEB



6B6B6B

Same Dimension

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



4CA49B



4DD6C8



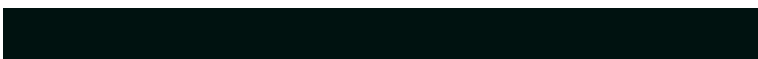
4C82A4



495251



009182



001210

Inverse Universe

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



A44C55



D64D5B



A46E4C



52494A



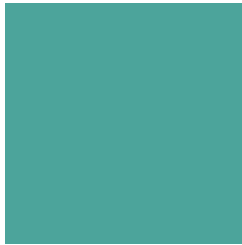
91000F



120002

Previews

White Background



This preview shows how the Hex color 4CA49B looks on a white background.

Color Contrast Check

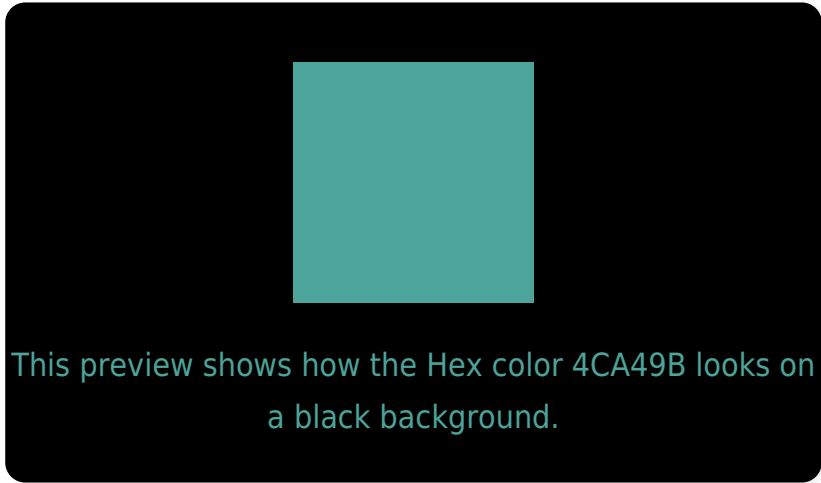
Large Text (above 18pt) WCAG AA × Fail

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

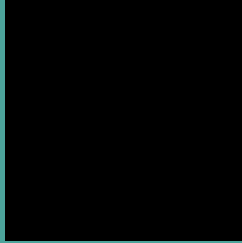
Any Text WCAG AA ✓ Pass

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 4CA49B Background



This preview shows how black text looks on a background with the Hex color 4CA49B.

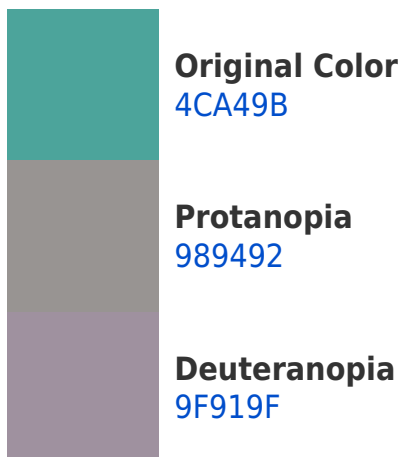


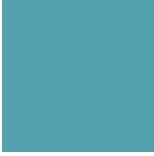
This preview shows how white text looks on a background with the Hex color 4CA49B.

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
53A1AE

Trichromacy



Original Color
4CA49B



Protanomaly
7C9A95



Deuteranomaly
81989E



Tritanomaly
50A2A7

Monochromacy



Original Color
4CA49B



Achromatopsia
898989



Achromatomaly
739390

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA49B 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 #4CA49B looks like.

```
.text, #text, p{  
    color:#4CA49B  
}
```

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 #4CA49B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA49B
}
```

Border

The CSS property to change the border of an element to Hex 4CA49B 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
#4CA49B }
```

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

```
.border{ border-color:#4CA49B }
```

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

Here you see how a box with a 4 pixel #4CA49B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA49B; -webkit-box-shadow:4px 4px  
4px 4px #4CA49B; box-shadow:4px 4px 4px  
4px #4CA49B }
```

Background

The CSS property to change the background color of an element to Hex 4CA49B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA49B }
```

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

```
.background{ background-color:#4CA49B }
```

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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