

Converting Colors

Hex(4CA9B3)

Have a look what the booklet for
Hex(4CA9B3) contains.

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Color

Hex(4CA9B3)

Conversions

Conversions Part 1

Format	Color
Hex	4CA9B3
RGB	76, 169, 179
RGB Percent	30%, 66%, 70%
CMY	0.7020, 0.3373, 0.2980
CMYK	0.58, 0.06, 0.00, 0.30
HSL	186°, 40%, 50%
HSV	186°, 58%, 70%
XYZ	25.3051, 33.1671, 47.7160
YIQ	142.3330, -58.6380, -16.6060

Conversions

Conversions Part 2

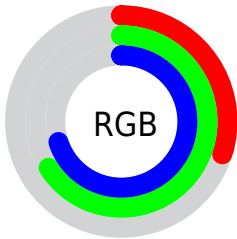
Format	Color
RYB	76, 125, 179
Decimal	5024179
CIELab	64.30, -24.45, -13.47
CIELCh	64, 27.913, 208.860
Yxy	33.1671, 0.2383, 0.3123
Android (android.graphics.Color)	4283214259 (0xFF4CA9B3)
YUV	142.3330, 18.0768, -58.1740
Hunter-Lab	57.5909, -22.3521, -8.8101

Details

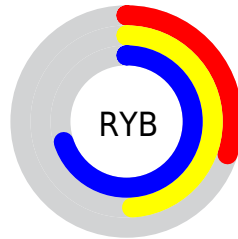
The Hex color **4CA9B3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B3564C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **86E0EB**, and **00757E** is the 20% darker color. If you saturate the color by 10%, you get **3AA7B3**, and if you desaturate by 10%, it is **5EABB3**.

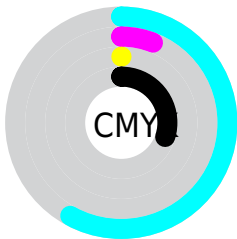
Distribution



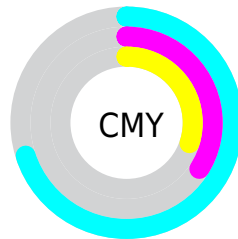
- Red (30%)
- Green (66%)
- Blue (70%)



- Red (30%)
- Yellow (49%)
- Blue (70%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA9B3 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 4CA9B3 by changing the saturation by 10% instead.

 4CA9B3

 4CA9B3

FFFFFF

 2C8E98

 86E0EB

 00757E

 A3FDFF

 005C65

 C0FFFF

 00444D

 DDFFFF

 002D37

 FBFFFF

 001921

 000009

 000000

 4CA9B3

 4CA9B3

3AA7B3

5EABB3

28A6B3

70ACB3

16A4B3

82AEB3

04A2B3

94B0B3

00A2B3

A5B2B3

B7B3B3

C9B5B3

DBB7B3

EDB9B3

Harmonies

Analogous

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



5CAA9A



4CA9B3



59A5C6

Triad

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



4CA9B3



BB8EB6



AE9A6A

Complementary

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



4CA9B3



B3564C

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.



C39272



4CA9B3



CB899E

Square

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



4CA9B3



9E96C7



CD8B85



94A270

Rectangle

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



4CA9B3



6EA1CC



CD8B85



B6976B

Sweetspot

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



4CA9B3



C1E4E8



4CB355



5E7375



F5F5F5



757575

Same Dimension

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



4CA9B3



48D9E8



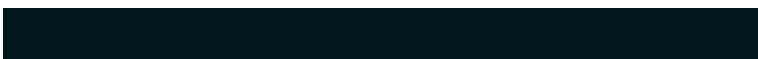
4C77B3



505859



008A99



00171A

Inverse Universe

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



B34CA9



E848D9



B3884C



595058



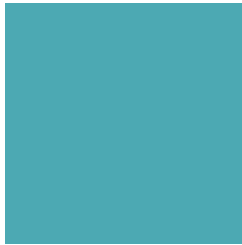
99008A



1A0017

Previews

White Background



This preview shows how the Hex color 4CA9B3 looks on a white background.

Color Contrast Check

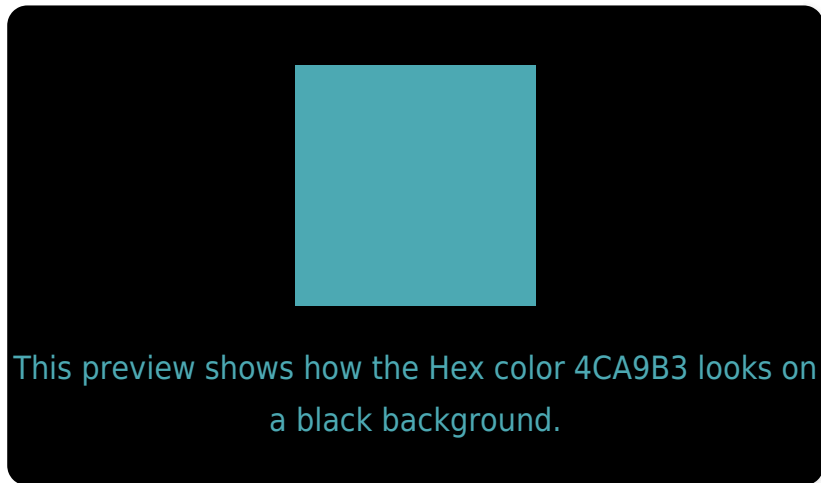
Large Text (above 18pt) WCAG AA × Fail

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

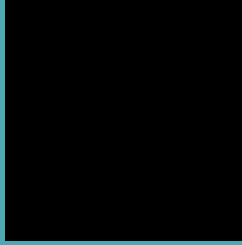
Any Text WCAG AA ✓ Pass

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 4CA9B3 Background



This preview shows how black text looks on a background with the Hex color 4CA9B3.

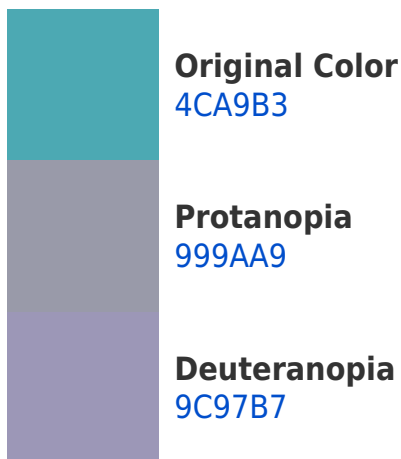


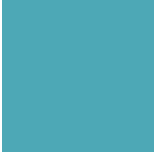
This preview shows how white text looks on a background with the Hex color 4CA9B3.

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](#).

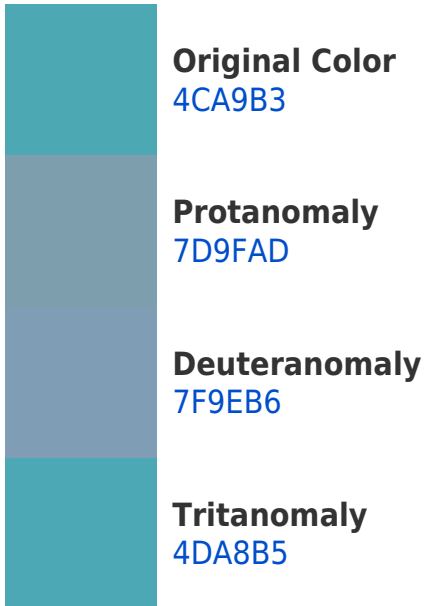
Dichromacy





Tritanopia
4DA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA9B3 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 #4CA9B3 looks like.

```
.text, #text, p{  
    color:#4CA9B3  
}
```

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 #4CA9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA9B3
}
```

Border

The CSS property to change the border of an element to Hex 4CA9B3 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
#4CA9B3 }
```

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

```
.border{ border-color:#4CA9B3 }
```

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

Here you see how a box with a 4 pixel #4CA9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA9B3; -webkit-box-shadow:4px 4px  
4px 4px #4CA9B3; box-shadow:4px 4px 4px  
4px #4CA9B3 }
```

Background

The CSS property to change the background color of an element to Hex 4CA9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA9B3 }
```

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

```
.background{ background-color:#4CA9B3 }
```

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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