

Converting Colors

Hex(4CADB9)

Have a look what the booklet for
Hex(4CADB9) contains.

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Color

Hex(4CADB9)

Conversions

Conversions Part 1

Format	Color
Hex	4CADB9
RGB	76, 173, 185
RGB Percent	30%, 68%, 73%
CMY	0.7020, 0.3216, 0.2745
CMYK	0.59, 0.06, 0.00, 0.27
HSL	187°, 44%, 51%
HSV	187°, 59%, 73%
XYZ	26.6810, 34.9264, 51.2342
YIQ	145.3650, -61.6640, -16.8320

Conversions

Conversions Part 2

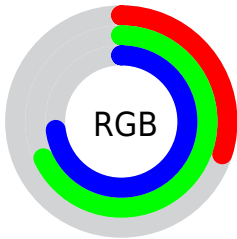
Format	Color
RYB	76, 127, 185
Decimal	5025209
CIELab	65.69, -24.73, -14.71
CIElCh	66, 28.778, 210.746
Yxy	34.9264, 0.2364, 0.3095
Android (android.graphics.Color)	4283215289 (0xFF4CADB9)
YUV	145.3650, 19.5401, -60.8331
Hunter-Lab	59.0986, -22.8358, -10.0311

Details

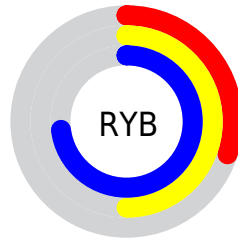
The Hex color **4CADB9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B9584C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **87E5F1**, and **007884** is the 20% darker color. If you saturate the color by 10%, you get **3AABB9**, and if you desaturate by 10%, it is **5FAFB9**.

Distribution



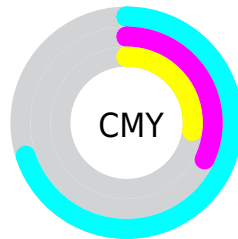
- Red (30%)
- Green (68%)
- Blue (73%)



- Red (30%)
- Yellow (50%)
- Blue (73%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (70%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CADB9 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 4CADB9 by changing the saturation by 10% instead.

 4CADB9

 4CADB9

FFFFFF

 2A929E

 87E5F1

 007884

 A4FFFF

 005F6B

 C1FFFF

 004753

 DFFFFF

 00303B

 FDFFFF

 001D26

 000110

 000000

 4CADB9

 4CADB9

■ 3AABB9

■ 5FAFB9

■ 27A9B9

■ 71B1B9

■ 14A7B9

■ 84B3B9

■ 02A5B9

■ 96B5B9

■ 00A5B9

■ A9B7B9

■ BBB9B9

■ CDBBB9

■ E0BDB9

■ F3BFB9

Harmonies

Analogous

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



5BAE9F



4CADB9



5BA9CC

Triad

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



4CADB9



C190B9



B19E6C

Complementary

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



4CADB9



B9584C

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.



C69573



4CADB9



D18CA0

Square

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



4CADB9



A499CC



D28E86



96A673

Rectangle

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



4CADB9



72A4D2



D28E86



B99B6D

Sweetspot

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



4CADB9



C5EBF0



4CB957



5D7578



F7F7F7



787878

Same Dimension

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



4CADB9



46DDF0



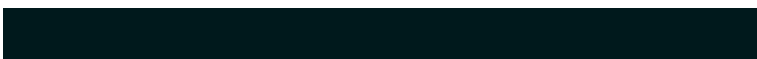
4C78B9



535B5C



008A9C



00191C

Inverse Universe

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



B94CAD



F046DD



B98D4C



5C535B



9C008A



1C0019

Previews

White Background



This preview shows how the Hex color 4CADB9 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 4CADB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

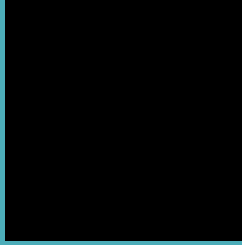
Any Text WCAG AA ✓ Pass

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 4CADB9 Background



This preview shows how black text looks on a background with the Hex color 4CADB9.

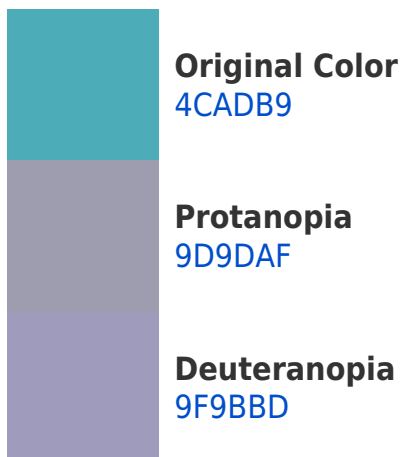


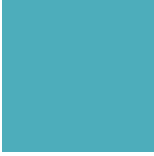
This preview shows how white text looks on a background with the Hex color 4CADB9.

Color Blindness Simulation

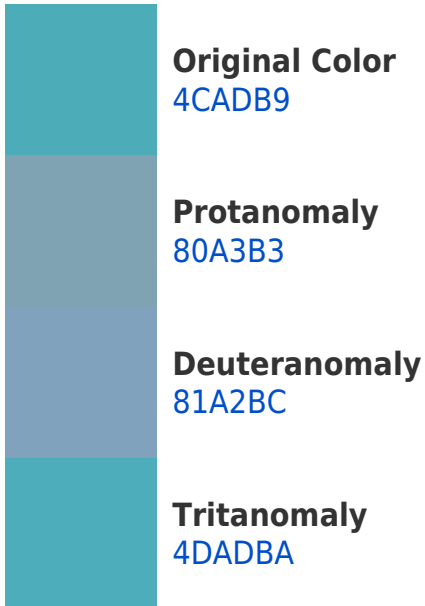
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

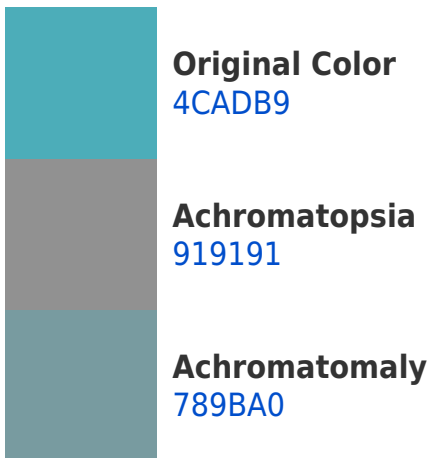




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CADB9 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 #4CADB9 looks like.

```
.text, #text, p{  
    color:#4CADB9  
}
```

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 #4CADB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CADB9
}
```

Border

The CSS property to change the border of an element to Hex 4CADB9 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
#4CADB9 }
```

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

```
.border{ border-color:#4CADB9 }
```

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

Here you see how a box with a 4 pixel #4CADB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CADB9; -webkit-box-shadow:4px 4px  
4px 4px #4CADB9; box-shadow:4px 4px 4px  
4px #4CADB9 }
```

Background

The CSS property to change the background color of an element to Hex 4CADB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CADB9 }
```

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

```
.background{ background-color:#4CADB9 }
```

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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