

Converting Colors

Hex(49B3CB)

Have a look what the booklet for
Hex(49B3CB) contains.

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Color

Hex(49B3CB)

Conversions

Conversions Part 1

Format	Color
Hex	49B3CB
RGB	73, 179, 203
RGB Percent	29%, 70%, 80%
CMY	0.7137, 0.2980, 0.2039
CMYK	0.64, 0.12, 0.00, 0.20
HSL	191°, 56%, 54%
HSV	191°, 64%, 80%
XYZ	29.6472, 37.9685, 62.2660
YIQ	150.0420, -70.8800, -15.0080

Conversions

Conversions Part 2

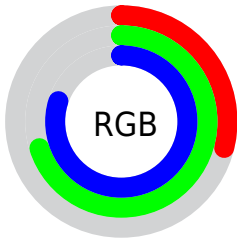
Format	Color
RYB	73, 131, 203
Decimal	4830155
CIELab	68.00, -22.96, -21.18
CIELCh	68, 31.243, 222.690
Yxy	37.9685, 0.2283, 0.2923
Android (android.graphics.Color)	4283020235 (0xFF49B3CB)
YUV	150.0420, 26.1083, -67.5658
Hunter-Lab	61.6186, -21.9487, -16.7800

Details

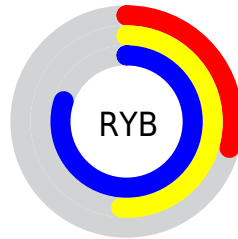
The Hex color **49B3CB** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CB6149**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **87EBFF**, and **007E95** is the 20% darker color. If you saturate the color by 10%, you get **35AFCB**, and if you desaturate by 10%, it is **5DB7CB**.

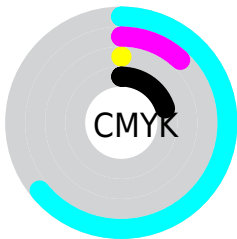
Distribution



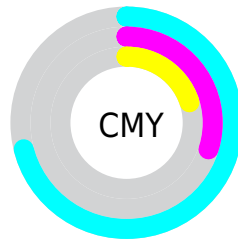
- Red (29%)
- Green (70%)
- Blue (80%)



- Red (29%)
- Yellow (51%)
- Blue (80%)



- Cyan (64%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B3CB 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 49B3CB by changing the saturation by 10% instead.

 49B3CB

 49B3CB

FFFFFF

 2398B0

 87EBFF

 007E95

 A4FFFF

 00657B

 C2FFFF


 004D62


 E0FFFF

 00354A

FEFFFF

 002133

 00021F

 000001

 000000

 49B3CB

 49B3CB

 35AFCB

 5DB7CB

 20ACCB

 72BACB

 0CA8CB

 86BECB

 00A6CB

 9AC2CB

 AFC6CB

 C3C9CB

 D7CDCB

 EBD1CB

 FFD5CB

Harmonies

Analogous

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



4FB5B1



49B3CB



67ADDB

Triad

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



49B3CB



D392B7



ADA86E

Complementary

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



49B3CB



CB6149

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.



C89E70



49B3CB



DE919B

Square

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



49B3CB



B99ACF



D99581



8EAF7B

Rectangle

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



49B3CB



84A8DE



D99581



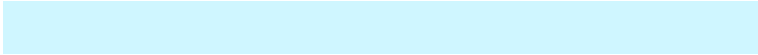
B7A56D

Sweetspot

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



49B3CB



CFF6FF



49CB61



627A80



000000



808080

Same Dimension

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



49B3CB



3BDBFF



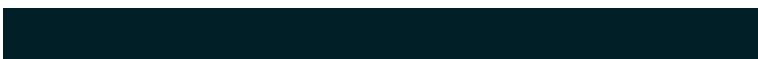
4972CB



5C6466



0087A6



001F26

Inverse Universe

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



CB49B3



FF3BDB



CBA249



665C64



A60087



26001F

Previews

White Background



This preview shows how the Hex color 49B3CB looks on a white background.

Color Contrast Check

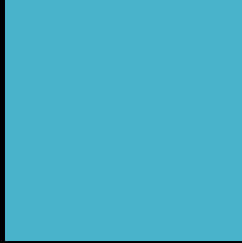
Large Text (above 18pt) WCAG AA × Fail

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 49B3CB 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 49B3CB Background



This preview shows how black text looks on a background with the Hex color 49B3CB.

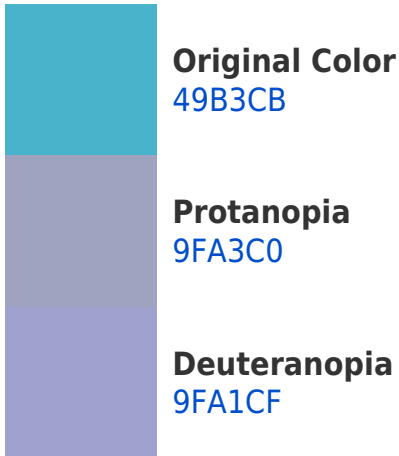


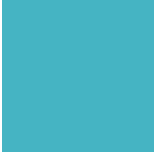
This preview shows how white text looks on a background with the Hex color 49B3CB.

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](#).

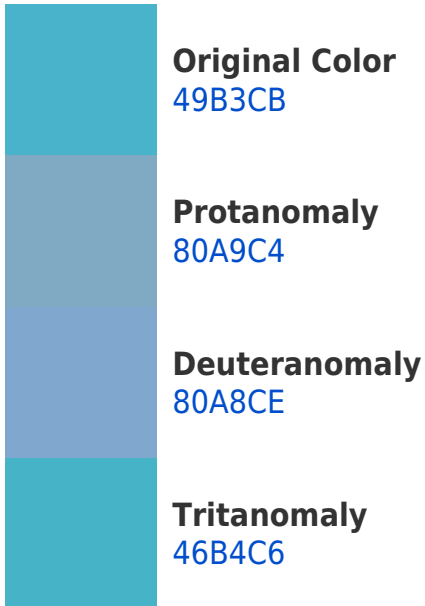
Dichromacy



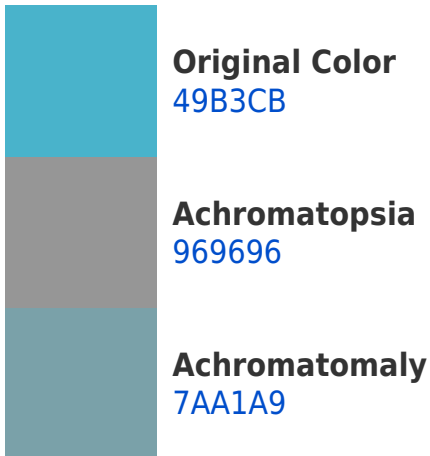


Tritanopia
45B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49B3CB 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 #49B3CB looks like.

```
.text, #text, p{  
    color:#49B3CB  
}
```

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 #49B3CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B3CB
}
```

Border

The CSS property to change the border of an element to Hex 49B3CB 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
#49B3CB }
```

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

```
.border{ border-color:#49B3CB }
```

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

Here you see how a box with a 4 pixel #49B3CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B3CB; -webkit-box-shadow:4px 4px  
4px 4px #49B3CB; box-shadow:4px 4px 4px  
4px #49B3CB }
```

Background

The CSS property to change the background color of an element to Hex 49B3CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B3CB }
```

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

```
.background{ background-color:#49B3CB }
```

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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