

Converting Colors

Hex(49B1C0)

Have a look what the booklet for
Hex(49B1C0) contains.

Hex(49B1C0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49B1C0)

Conversions

Conversions Part 1

Format	Color
Hex	49B1C0
RGB	73, 177, 192
RGB Percent	29%, 69%, 75%
CMY	0.7137, 0.3059, 0.2471
CMYK	0.62, 0.08, 0.00, 0.25
HSL	188°, 49%, 52%
HSV	188°, 62%, 75%
XYZ	27.9842, 36.6665, 55.4716
YIQ	147.6140, -66.7990, -17.3830

Conversions

Conversions Part 2

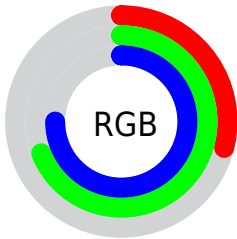
Format	Color
RYB	73, 128, 192
Decimal	4829632
CIELab	67.03, -25.24, -16.59
CIELCh	67, 30.203, 213.310
Yxy	36.6665, 0.2330, 0.3052
Android (android.graphics.Color)	4283019712 (0xFF49B1C0)
YUV	147.6140, 21.8823, -65.4365
Hunter-Lab	60.5529, -23.4746, -11.9277

Details

The Hex color **49B1C0** is a light color, and the websafe version is hex **339999**. The color can be described as light muted azure. A complement of this color would be **C05849**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85E9F8**, and **007C8B** is the 20% darker color. If you saturate the color by 10%, you get **36AFC0**, and if you desaturate by 10%, it is **5CB3C0**.

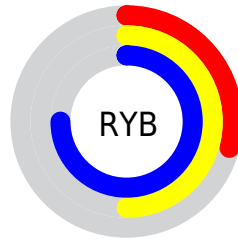
Distribution



Red (29%)

Green (69%)

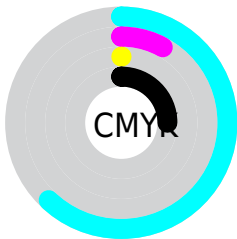
Blue (75%)



Red (29%)

Yellow (50%)

Blue (75%)

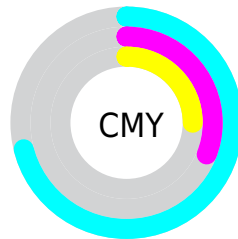


Cyan (62%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (71%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B1C0 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 49B1C0 by changing the saturation by 10% instead.

■ 49B1C0

■ 49B1C0

FFFFFF

■ 2596A5

■ 85E9F8

■ 007C8B

■ A3FFFF

■ 006371

■ C0FFFF

■ 004B59

■ DEFFFF

■ 003341

■ FCFFFF

■ 00202B

■ 000117

■ 000000

■ 49B1C0

■ 49B1C0

■ 36AFC0

■ 5CB3C0

■ 23ACC0

■ 6FB6C0

■ 0FAAC0

■ 83B8C0

■ 00A8C0

■ 96BBC0

■ A9BDC0

■ BCC0C0

■ CFC2C0

■ E3C4C0

■ F6C7C0

Harmonies

Analogous

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



58B2A5



49B1C0



5CACD3

Triad

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



49B1C0



C892BC



B3A26D

Complementary

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



49B1C0



C05849

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.



CA9973



49B1C0



D88FA1

Square

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



49B1C0



AB9BD1



D89187



96AA75

Rectangle

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



49B1C0



76A8D9



D89187



BC9F6D

Sweetspot

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



49B1C0



CAF4FA



49C057



60797D



FCFCFC



7D7D7D

Same Dimension

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



49B1C0



41E3FA



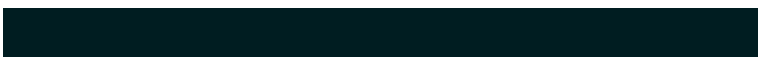
4977C0



576061



008CA1



001D21

Inverse Universe

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



C049B1



FA41E3



C09249



615760



A1008C



21001D

Previews

White Background



This preview shows how the Hex color 49B1C0 looks on a white background.

Color Contrast Check

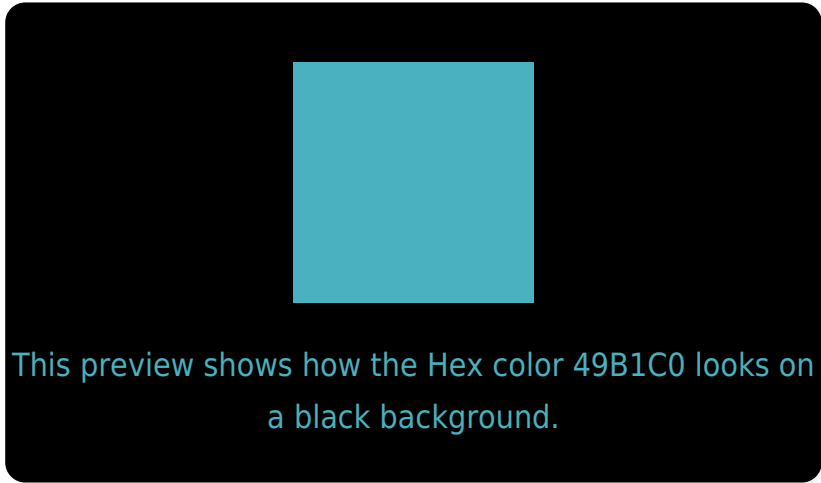
Large Text (above 18pt) WCAG AA × Fail

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

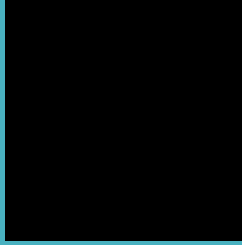
Any Text WCAG AA ✓ Pass

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 49B1C0 Background



This preview shows how black text looks on a background with the Hex color 49B1C0.

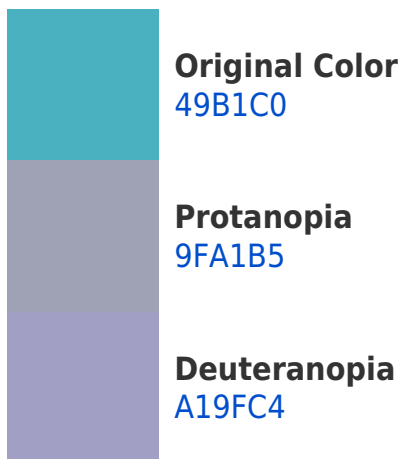


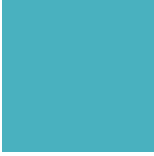
This preview shows how white text looks on a background with the Hex color 49B1C0.

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
49B1BF

Trichromacy



Original Color
49B1C0



Protanomaly
80A7B9



Deuteranomaly
81A6C3



Tritanomaly
49B1BF

Monochromacy



Original Color
49B1C0



Achromatopsia
949494



Achromatomaly
799FA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 49B1C0 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 #49B1C0 looks like.

```
.text, #text, p{  
    color:#49B1C0  
}
```

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 #49B1C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B1C0
}
```

Border

The CSS property to change the border of an element to Hex 49B1C0 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
#49B1C0 }
```

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

```
.border{ border-color:#49B1C0 }
```

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

Here you see how a box with a 4 pixel #49B1C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B1C0; -webkit-box-shadow:4px 4px  
4px 4px #49B1C0; box-shadow:4px 4px 4px  
4px #49B1C0 }
```

Background

The CSS property to change the background color of an element to Hex 49B1C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B1C0 }
```

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

```
.background{ background-color:#49B1C0 }
```

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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