

Converting Colors

Hex(49B2C8)

Have a look what the booklet for
Hex(49B2C8) contains.

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Color

Hex(49B2C8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 49B2C8 |
| RGB | 73, 178, 200 |
| RGB Percent | 29%, 70%, 78% |
| CMY | 0.7137, 0.3020, 0.2157 |
| CMYK | 0.64, 0.11, 0.00, 0.22 |
| HSL | 190°, 54%, 54% |
| HSV | 190°, 64%, 78% |
| XYZ | 29.0934, 37.4274, 60.3344 |
| YIQ | 149.1130, -69.6420, -15.4180 |

Conversions

Conversions Part 2

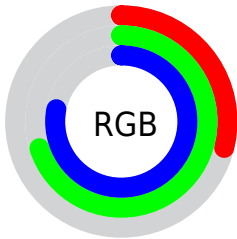
| Format | Color |
|-------------------------------------|---|
| RYB | 73, 130, 200 |
| Decimal | 4829896 |
| CIELab | 67.60, -23.36, -20.14 |
| CIELCh | 68, 30.845, 220.766 |
| Yxy | 37.4274, 0.2293, 0.2950 |
| Android (android.graphics.Color) | 4283019976 (0xFF49B2C8) |
| YUV | 149.1130, 25.0873, -66.7511 |
| Hunter-Lab | 61.1779, -22.1751, -15.6480 |

Details

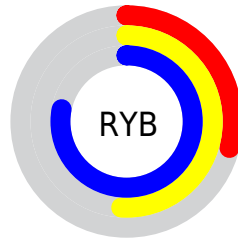
The Hex color **49B2C8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **C85F49**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **86EAFF**, and **007D92** is the 20% darker color. If you saturate the color by 10%, you get **35AFC8**, and if you desaturate by 10%, it is **5DB5C8**.

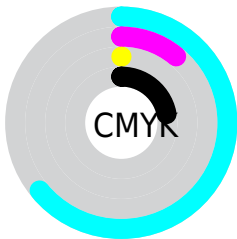
Distribution



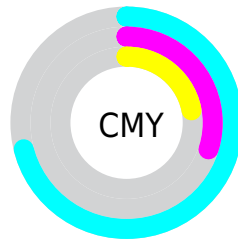
- Red (29%)
- Green (70%)
- Blue (78%)



- Red (29%)
- Yellow (51%)
- Blue (78%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B2C8 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 49B2C8 by changing the saturation by 10% instead.

49B2C8

49B2C8

FFFFFF

2397AD

86EAFB

007D92

A4FFFF

006478

C1FFFF

004C5F

DFFFFFF

003548

FEFFFF

002131

00021C

000000

49B2C8

49B2C8

■ 35AFC8

■ 5DB5C8

■ 21ABC8

■ 71B9C8

■ 0DA8C8

■ 85BCC8

■ 00A5C8

■ 99C0C8

■ ADC3C8

■ C1C7C8

■ D5CAC8

■ E9CEC8

■ FDD1C8

Harmonies

Analogous

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



51B4AE



49B2C8



65ACD8

Triad

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



49B2C8



D092B8



AEA66E

Complementary

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



49B2C8



C85F49

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.



C89D71



49B2C8



DC909B

Square

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



49B2C8



B59ACF



D89482



8FAE7A

Rectangle

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



49B2C8



81A7DC



D89482



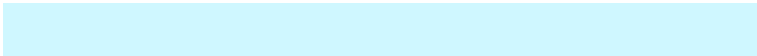
B7A36D

Sweetspot

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



49B2C8



CFF7FF



49C85E



627A80



000000



808080

Same Dimension

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



49B2C8



3DDDFE



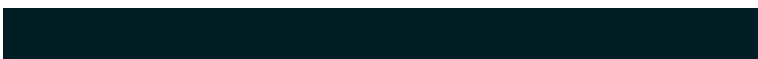
4973C8



5A6263



0087A3



001E24

Inverse Universe

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



C849B2



FF3DDD



C89E49



635A62



A30087



24001E

Previews

White Background



This preview shows how the Hex color 49B2C8 looks on a white background.

Color Contrast Check

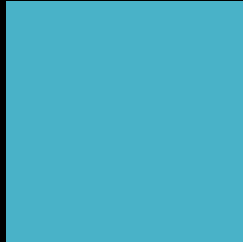
Large Text (above 18pt) WCAG AA × Fail

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 49B2C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

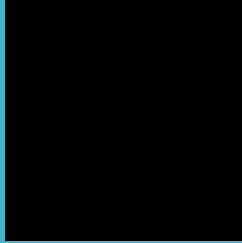
Any Text WCAG AA ✓ Pass

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 49B2C8 Background



This preview shows how black text looks on a background with the Hex color 49B2C8.

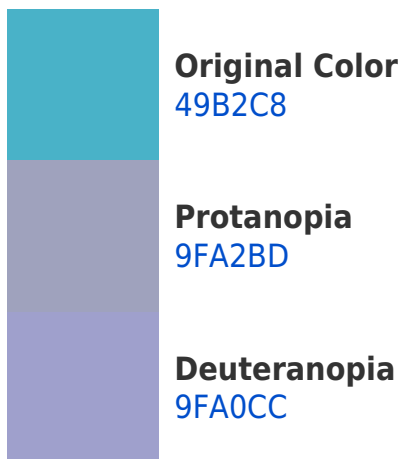


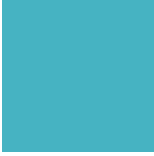
This preview shows how white text looks on a background with the Hex color 49B2C8.

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](#).

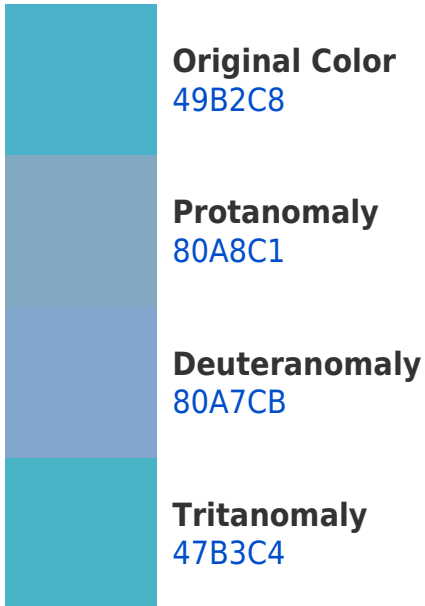
Dichromacy



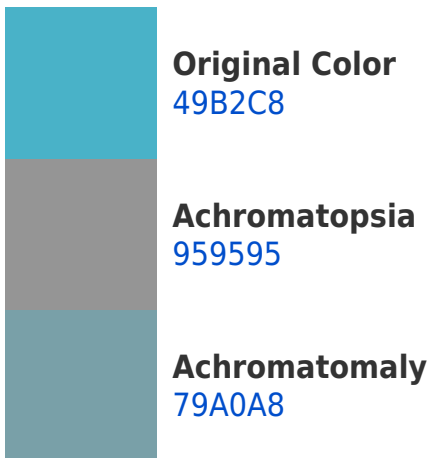


Tritanopia
46B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49B2C8 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 #49B2C8 looks like.

```
.text, #text, p{  
    color:#49B2C8  
}
```

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 #49B2C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B2C8
}
```

Border

The CSS property to change the border of an element to Hex 49B2C8 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
#49B2C8 }
```

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

```
.border{ border-color:#49B2C8 }
```

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

Here you see how a box with a 4 pixel #49B2C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B2C8; -webkit-box-shadow:4px 4px  
4px 4px #49B2C8; box-shadow:4px 4px 4px  
4px #49B2C8 }
```

Background

The CSS property to change the background color of an element to Hex 49B2C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B2C8 }
```

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

```
.background{ background-color:#49B2C8 }
```

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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