

Converting Colors

Hex(49B4C9)

Have a look what the booklet for
Hex(49B4C9) contains.

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Color

Hex(49B4C9)

Conversions

Conversions Part 1

Format	Color
Hex	49B4C9
RGB	73, 180, 201
RGB Percent	29%, 71%, 79%
CMY	0.7137, 0.2941, 0.2118
CMYK	0.64, 0.10, 0.00, 0.21
HSL	190°, 54%, 54%
HSV	190°, 64%, 79%
XYZ	29.6115, 38.2760, 61.0857
YIQ	150.4010, -70.5130, -16.1530

Conversions

Conversions Part 2

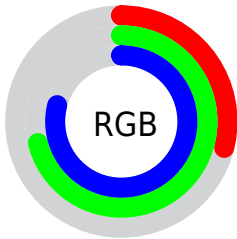
Format	Color
RYB	73, 131, 201
Decimal	4830409
CIELab	68.22, -24.08, -19.74
CIElCh	68, 31.133, 219.346
Yxy	38.2760, 0.2296, 0.2968
Android (android.graphics.Color)	4283020489 (0xFF49B4C9)
YUV	150.4010, 24.9453, -67.8807
Hunter-Lab	61.8676, -22.8334, -15.2333

Details

The Hex color **49B4C9** 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 **C95E49**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **87ECFF**, and **007F93** is the 20% darker color. If you saturate the color by 10%, you get **35B1C9**, and if you desaturate by 10%, it is **5DB7C9**.

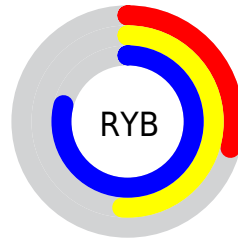
Distribution



Red (29%)

Green (71%)

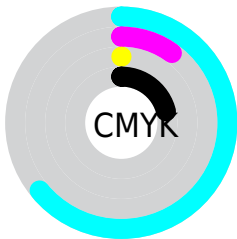
Blue (79%)



Red (29%)

Yellow (51%)

Blue (79%)

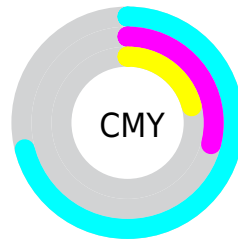


Cyan (64%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (71%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B4C9 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 49B4C9 by changing the saturation by 10% instead.

■ 49B4C9

■ 49B4C9

FFFFFF

■ 2399AE

■ 87ECFF

■ 007F93

■ A4FFFF

■ 006679

■ C2FFFF

■ 004D60

■ E0FFFF

■ 003649

FEFFFF

■ 002232

■ 00021D

■ 000000

■ 49B4C9

■ 49B4C9

■ 35B1C9

■ 5DB7C9

■ 21ADC9

■ 71BBC9

■ 0DAAC9

■ 85BEC9

■ 00A8C9

■ 99C1C9

■ AEC4C9

■ C2C8C9

■ D6CBC9

■ EACEC9

■ FED2C9

Harmonies

Analogous

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



53B6AE



49B4C9



64AFDA

Triad

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



49B4C9



D194BB



B1A76E

Complementary

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



49B4C9



C95E49

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.



CB9E72



49B4C9



DE919E

Square

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



49B4C9



B59CD2



DB9584



92AF7A

Rectangle

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



49B4C9



80A9DE



DB9584



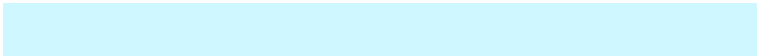
BAA46E

Sweetspot

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



49B4C9



CFF7FF



49C95C



627B80



000000



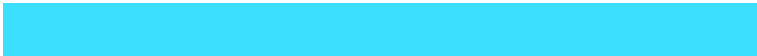
808080

Same Dimension

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



49B4C9



3DDFFF



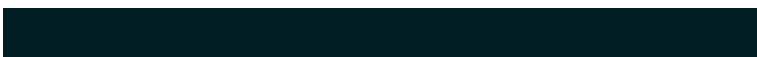
4976C9



5A6263



0088A3



001E24

Inverse Universe

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



C949B4



FF3DDF



C99C49



635A62



A30088



24001E

Previews

White Background



This preview shows how the Hex color 49B4C9 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 49B4C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

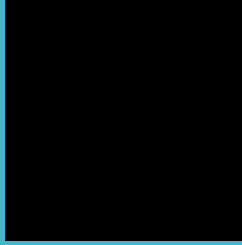
Any Text WCAG AA ✓ Pass

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 49B4C9 Background



This preview shows how black text looks on a background with the Hex color 49B4C9.

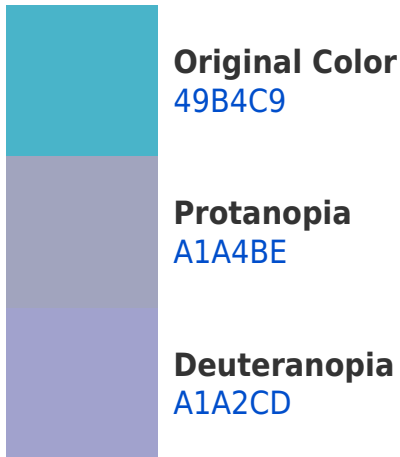


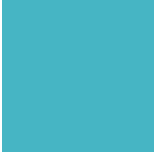
This preview shows how white text looks on a background with the Hex color 49B4C9.

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](#).

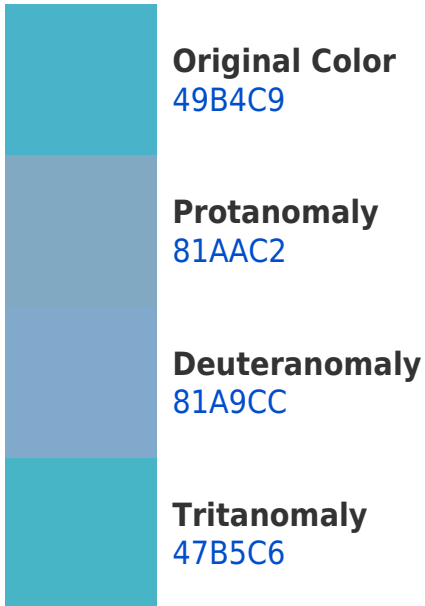
Dichromacy



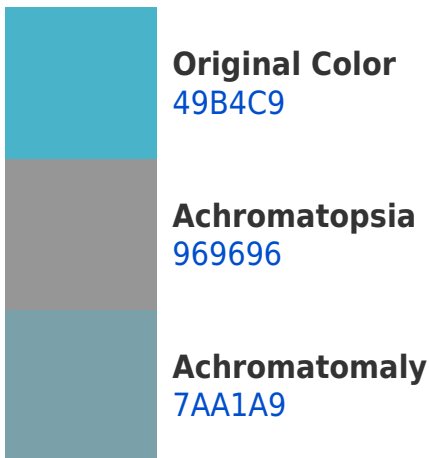


Tritanopia
46B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49B4C9 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 #49B4C9 looks like.

```
.text, #text, p{  
    color:#49B4C9  
}
```

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 #49B4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B4C9
}
```

Border

The CSS property to change the border of an element to Hex 49B4C9 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
#49B4C9 }
```

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

```
.border{ border-color:#49B4C9 }
```

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

Here you see how a box with a 4 pixel #49B4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B4C9; -webkit-box-shadow:4px 4px  
4px 4px #49B4C9; box-shadow:4px 4px 4px  
4px #49B4C9 }
```

Background

The CSS property to change the background color of an element to Hex 49B4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B4C9 }
```

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

```
.background{ background-color:#49B4C9 }
```

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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