

Converting Colors

Hex(49C3EB)

Have a look what the booklet for
Hex(49C3EB) contains.

Hex(49C3EB)	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(49C3EB)

Conversions

Conversions Part 1

Format	Color
Hex	49C3EB
RGB	73, 195, 235
RGB Percent	29%, 76%, 92%
CMY	0.7137, 0.2353, 0.0784
CMYK	0.69, 0.17, 0.00, 0.08
HSL	195°, 80%, 60%
HSV	195°, 69%, 92%
XYZ	37.2582, 46.4448, 85.5983
YIQ	163.0820, -85.5520, -13.4240

Conversions

Conversions Part 2

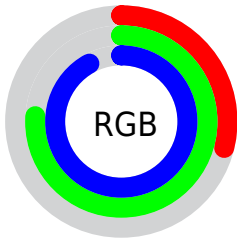
Format	Color
RYB	73, 143, 235
Decimal	4834283
CIELab	73.83, -21.28, -29.70
CIELCh	74, 36.539, 234.376
Yxy	46.4448, 0.2201, 0.2743
Android (android.graphics.Color)	4283024363 (0xFF49C3EB)
YUV	163.0820, 35.4556, -79.0019
Hunter-Lab	68.1505, -21.6765, -26.7641

Details

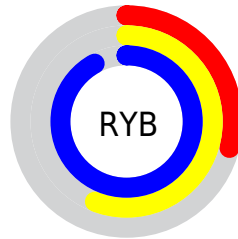
The Hex color **49C3EB** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **EB7149**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8BFCFF**, and **008DB3** is the 20% darker color. If you saturate the color by 10%, you get **32BDEB**, and if you desaturate by 10%, it is **61C9EB**.

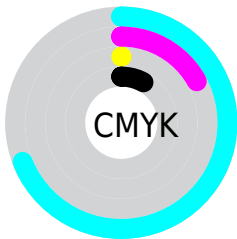
Distribution



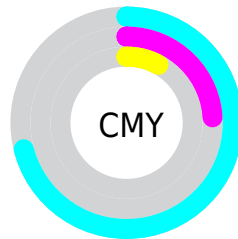
- Red (29%)
- Green (76%)
- Blue (92%)



- Red (29%)
- Yellow (56%)
- Blue (92%)



- Cyan (69%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)



- Cyan (71%)
- Magenta (24%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49C3EB 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 49C3EB by changing the saturation by 10% instead.

 49C3EB

 49C3EB

FFFFFF

 19A8CF

 8BFCFF

 008DB3

 AAFFFF

 007498

 C9FFFF

 005B7E

 E8FFFF

 004365

 002D4D

 001936

 000220

 000004

■ 49C3EB

■ 49C3EB

■ 32BDEB

■ 61C9EB

■ 1AB7EB

■ 78CFEB

■ 02B2EB

■ 8FD4EB

■ 00B1EB

■ A7DAEB

■ BFE0EB

■ D6E6EB

■ EEECEB

■ FFF1EB

■ FFF7EB

Harmonies

Analogous

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



3CC7D0



49C3EB



7CBBF8

Triad

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



49C3EB



F29CBD



B0BC77

Complementary

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



49C3EB



EB7149

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.



D2B173



49C3EB



F79D9B

Square

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



49C3EB



DAA3DD



EBA680



89C38D

Rectangle

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



49C3EB



A0B3F6



EBA680



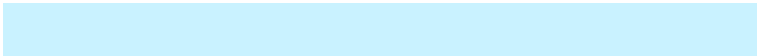
BCB974

Sweetspot

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



49C3EB



C9F2FF



49EB6F



607880



000000



808080

Same Dimension

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



49C3EB



2BCBFF



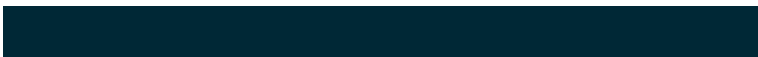
4974EB



6A7275



0088B5



002836

Inverse Universe

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



EB49C3



FF2BCB



EBC049



756A72



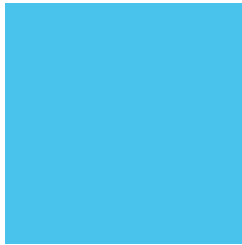
B50088



360028

Previews

White Background



This preview shows how the Hex color 49C3EB looks on a white background.

Color Contrast Check

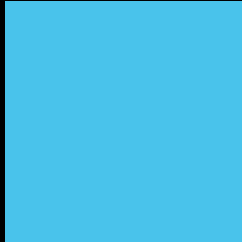
Large Text (above 18pt) WCAG AA × Fail

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 49C3EB 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

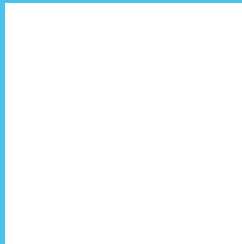
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 49C3EB Background



This preview shows how black text looks on a background with the Hex color 49C3EB.

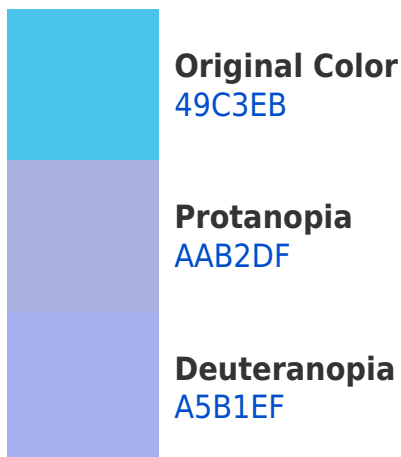


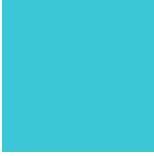
This preview shows how white text looks on a background with the Hex color 49C3EB.

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](#).

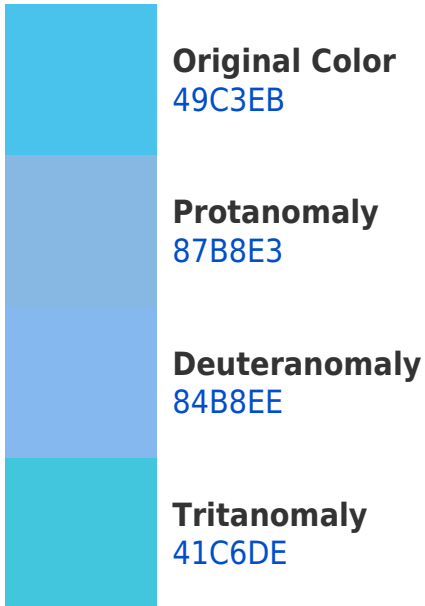
Dichromacy



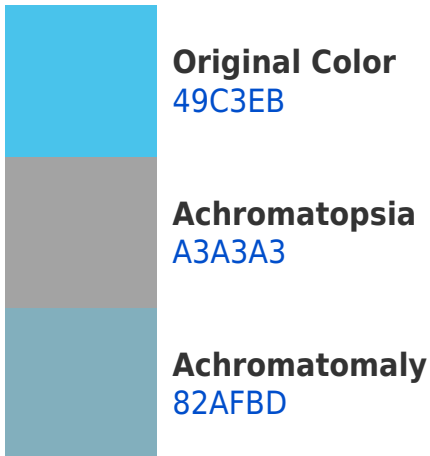


Tritanopia
3CC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49C3EB 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 #49C3EB looks like.

```
.text, #text, p{  
    color:#49C3EB  
}
```

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 #49C3EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C3EB
}
```

Border

The CSS property to change the border of an element to Hex 49C3EB 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
#49C3EB }
```

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

```
.border{ border-color:#49C3EB }
```

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

Here you see how a box with a 4 pixel #49C3EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C3EB; -webkit-box-shadow:4px 4px  
4px 4px #49C3EB; box-shadow:4px 4px 4px  
4px #49C3EB }
```

Background

The CSS property to change the background color of an element to Hex 49C3EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C3EB }
```

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

```
.background{ background-color:#49C3EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor