

Converting Colors

Hex(49C4E3)

Have a look what the booklet for
Hex(49C4E3) contains.

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Color

Hex(49C4E3)

Conversions

Conversions Part 1

Format	Color
Hex	49C4E3
RGB	73, 196, 227
RGB Percent	29%, 77%, 89%
CMY	0.7137, 0.2314, 0.1098
CMYK	0.68, 0.14, 0.00, 0.11
HSL	192°, 73%, 59%
HSV	192°, 68%, 89%
XYZ	36.3527, 46.4424, 79.7213
YIQ	162.7570, -83.2590, -16.4350

Conversions

Conversions Part 2

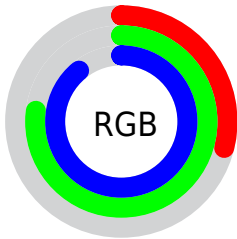
Format	Color
RYB	73, 141, 227
Decimal	4834531
CIELab	73.83, -24.26, -25.38
CIElCh	74, 35.112, 226.286
Yxy	46.4424, 0.2237, 0.2858
Android (android.graphics.Color)	4283024611 (0xFF49C4E3)
YUV	162.7570, 31.6718, -78.7169
Hunter-Lab	68.1486, -24.0424, -21.6543

Details

The Hex color **49C4E3** 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 **E36849**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8AFDFF**, and **008EAC** is the 20% darker color. If you saturate the color by 10%, you get **32BFE3**, and if you desaturate by 10%, it is **60C9E3**.

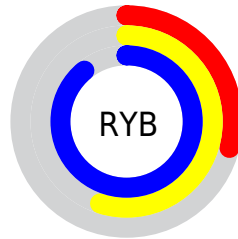
Distribution



Red (29%)

Green (77%)

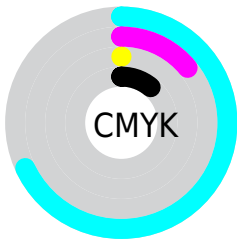
Blue (89%)



Red (29%)

Yellow (55%)

Blue (89%)

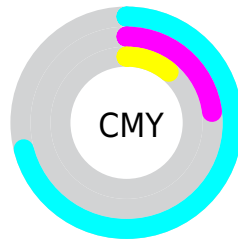


Cyan (68%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (71%)

Magenta (23%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49C4E3 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 49C4E3 by changing the saturation by 10% instead.

 49C4E3

 49C4E3

FFFFFF

 1BA9C7

 8AFDFF

 008EAC

 A9FFFF

 007491

 C8FFFF

 005B77

 E6FFFF

 00445E

 002D47

 001830

 00011B

 000000

■ 49C4E3

■ 49C4E3

■ 32BFE3

■ 60C9E3

■ 1CBBE3

■ 76CDE3

■ 05B6E3

■ 8DD2E3

■ 00B5E3

■ A4D6E3

■ BBDBE3

■ D1DFE3

■ E8E4E3

■ FFE9E3

■ FFEDE3

Harmonies

Analogous

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



4BC7C6



49C4E3



72BDF3

Triad

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



49C4E3



EB9FC6



BAB977

Complementary

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



49C4E3



E36849

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.



D9AE77



49C4E3



F59DA5

Square

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



49C4E3



CFA7E2



EEA488



95C188

Rectangle

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



49C4E3



94B6F5



EEA488



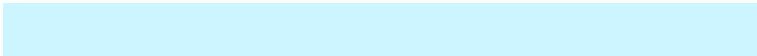
C5B675

Sweetspot

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



49C4E3



CCF5FF



49E368



617980



000000



808080

Same Dimension

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



49C4E3



30D5FF



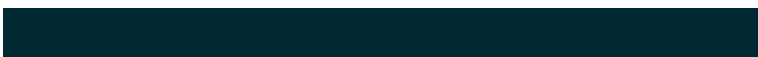
4977E3



677073



008FB3



002933

Inverse Universe

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



E349C4



FF30D5



E3B549



736770



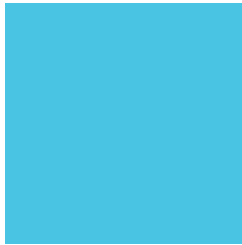
B3008F



330029

Previews

White Background



This preview shows how the Hex color 49C4E3 looks on a white background.

Color Contrast Check

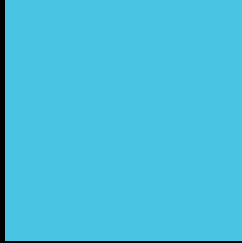
Large Text (above 18pt) WCAG AA × Fail

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 49C4E3 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 49C4E3 Background



This preview shows how black text looks on a background with the Hex color 49C4E3.

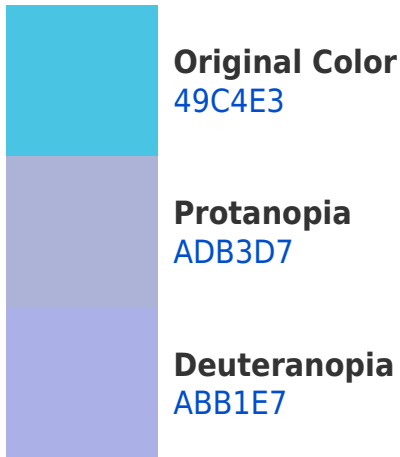


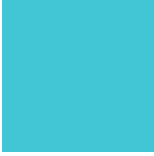
This preview shows how white text looks on a background with the Hex color 49C4E3.

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



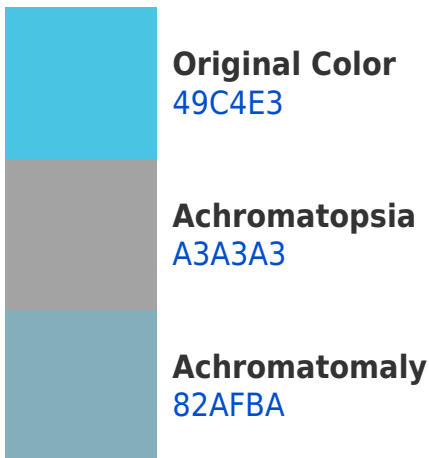


Tritanopia
42C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49C4E3 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 #49C4E3 looks like.

```
.text, #text, p{  
    color:#49C4E3  
}
```

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 #49C4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C4E3
}
```

Border

The CSS property to change the border of an element to Hex 49C4E3 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
#49C4E3 }
```

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

```
.border{ border-color:#49C4E3 }
```

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

Here you see how a box with a 4 pixel #49C4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C4E3; -webkit-box-shadow:4px 4px  
4px 4px #49C4E3; box-shadow:4px 4px 4px  
4px #49C4E3 }
```

Background

The CSS property to change the background color of an element to Hex 49C4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C4E3 }
```

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

```
.background{ background-color:#49C4E3 }
```

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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