

Converting Colors

Hex(39C4CE)

Have a look what the booklet for
Hex(39C4CE) contains.

Hex(39C4CE)	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(39C4CE)

Conversions

Conversions Part 1

Format	Color
Hex	39C4CE
RGB	57, 196, 206
RGB Percent	22%, 77%, 81%
CMY	0.7765, 0.2314, 0.1922
CMYK	0.72, 0.05, 0.00, 0.19
HSL	184°, 60%, 52%
HSV	184°, 72%, 81%
XYZ	32.5678, 44.8059, 65.3244
YIQ	155.5790, -86.0540, -26.3580

Conversions

Conversions Part 2

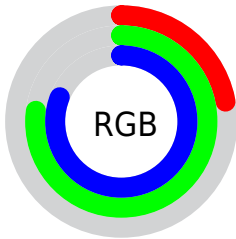
Format	Color
RYB	57, 129, 206
Decimal	3785934
CIELab	72.76, -32.72, -15.64
CIELCh	73, 36.268, 205.547
Yxy	44.8059, 0.2282, 0.3140
Android (android.graphics.Color)	4281976014 (0xFF39C4CE)
YUV	155.5790, 24.8576, -86.4538
Hunter-Lab	66.9372, -30.2922, -11.0054

Details

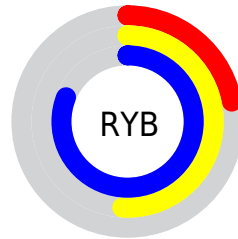
The Hex color **39C4CE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE4339**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFDFF**, and **008E98** is the 20% darker color. If you saturate the color by 10%, you get **24C3CE**, and if you desaturate by 10%, it is **4EC5CE**.

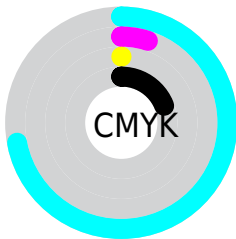
Distribution



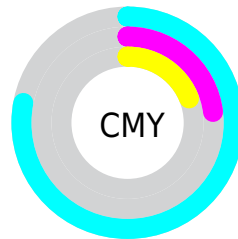
- Red (22%)
- Green (77%)
- Blue (81%)



- Red (22%)
- Yellow (51%)
- Blue (81%)



- Cyan (72%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (78%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39C4CE 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 39C4CE by changing the saturation by 10% instead.

 39C4CE

 39C4CE

FFFFFF

 00A8B3

 7EFDFF

 008E98

 9DFFFF

 00747E

 BBFFFF

 005B65

 DAFFFF

 00424D

 F8FFFF

 002C36

 001321

 000008

 000000

 39C4CE

 39C4CE

 24C3CE

 4EC5CE

 10C1CE

 62C7CE

 00C0CE

 77C8CE

 8BCACE

 A0CBCE

 B5CCCE

 C9CECE

 DECFCE

 F2D0CE

Harmonies

Analogous

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



5BC4AC



39C4CE



48C0E8

Triad

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



39C4CE



D8A0D9



CDAF70

Complementary

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



39C4CE



CE4339

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.



E7A37D



39C4CE



EF9AB9

Square

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



39C4CE



B0ACEE



F49B98



ACB976

Rectangle

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



39C4CE



6ABBF2



F49B98



D7AB73

Sweetspot

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



39C4CE



C7FBFF



39CE43



5E7D80



000000



808080

Same Dimension

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



39C4CE



21F0FF



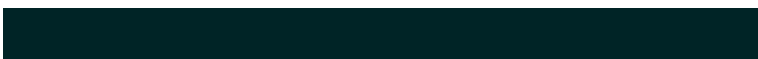
397ACE



5C6566



009BA6



002426

Inverse Universe

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



CE39C4



FF21F0



CE8D39



665C65



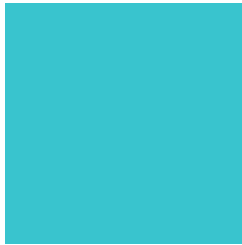
A6009B



260024

Previews

White Background



This preview shows how the Hex color 39C4CE looks on a white background.

Color Contrast Check

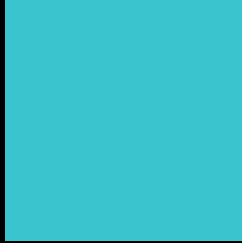
Large Text (above 18pt) WCAG AA × Fail

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 39C4CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

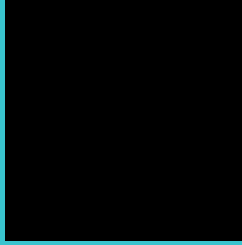
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

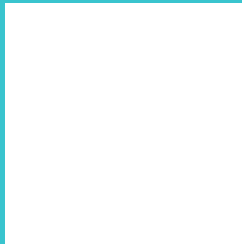
Any Text WCAG AAA ✓ Pass

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

Hex 39C4CE Background



This preview shows how black text looks on a background with the Hex color 39C4CE.

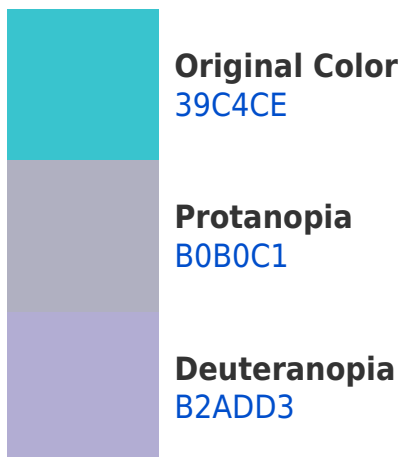


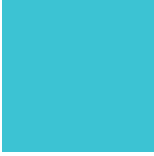
This preview shows how white text looks on a background with the Hex color 39C4CE.

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
3CC3D3

Trichromacy



Original Color
39C4CE



Protanomaly
85B7C6



Deuteranomaly
86B5D1

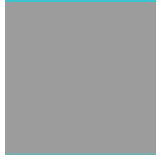


Tritanomaly
3BC3D1

Monochromacy



Original Color
39C4CE



Achromatopsia
9C9C9C



Achromatomaly
78ABAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 39C4CE 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 #39C4CE looks like.

```
.text, #text, p{  
    color:#39C4CE  
}
```

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 #39C4CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39C4CE
}
```

Border

The CSS property to change the border of an element to Hex 39C4CE 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
#39C4CE }
```

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

```
.border{ border-color:#39C4CE }
```

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

Here you see how a box with a 4 pixel #39C4CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39C4CE; -webkit-box-shadow:4px 4px  
4px 4px #39C4CE; box-shadow:4px 4px 4px  
4px #39C4CE }
```

Background

The CSS property to change the background color of an element to Hex 39C4CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39C4CE }
```

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

```
.background{ background-color:#39C4CE }
```

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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