

Converting Colors

Hex(34C9CB)

Have a look what the booklet for
Hex(34C9CB) contains.

Hex(34C9CB)	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(34C9CB)

Conversions

Conversions Part 1

Format	Color
Hex	34C9CB
RGB	52, 201, 203
RGB Percent	20%, 79%, 80%
CMY	0.7961, 0.2118, 0.2039
CMYK	0.74, 0.01, 0.00, 0.20
HSL	181°, 59%, 50%
HSV	181°, 74%, 80%
XYZ	33.0823, 46.8151, 63.7925
YIQ	156.6770, -89.4460, -30.9660

Conversions

Conversions Part 2

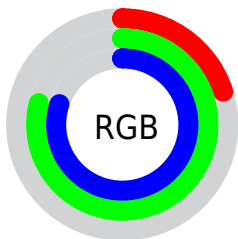
Format	Color
RYB	52, 127, 203
Decimal	3459531
CIELab	74.07, -36.53, -12.06
CIELCh	74, 38.464, 198.269
Yxy	46.8151, 0.2302, 0.3258
Android (android.graphics.Color)	4281649611 (0xFF34C9CB)
YUV	156.6770, 22.8372, -91.8017
Hunter-Lab	68.4216, -33.4318, -7.3836

Details

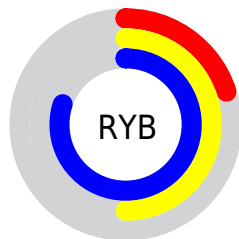
The Hex color **34C9CB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CB3634**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **7BFFFF**, and **009295** is the 20% darker color. If you saturate the color by 10%, you get **20C9CB**, and if you desaturate by 10%, it is **48C9CB**.

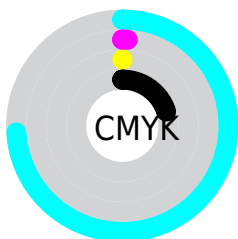
Distribution



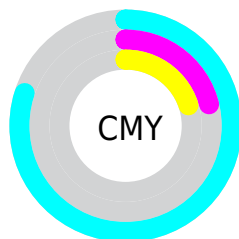
- Red (20%)
- Green (79%)
- Blue (80%)



- Red (20%)
- Yellow (50%)
- Blue (80%)



- Cyan (74%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34C9CB 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 34C9CB by changing the saturation by 10% instead.

 34C9CB

 34C9CB

FFFFFF

 00ADB0

 7BFFFF

 009295

 9AFFFF

 00787B

 B9FFFF

 005F62

 D8FFFF

 00464B

 F7FFFF

 002F34

 00181F

 000004

 000000

 34C9CB

 34C9CB

 20C9CB

 48C9CB

 0BC8CB

 5DCACB

 00C8CB

 71CACB

 85CACB

 9ACACB

 AECBCB

 C2CBCB

 D6CBCB

 EBCBCB

Harmonies

Analogous

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



63C8A7



34C9CB



33C6EA

Triad

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



34C9CB



D5A5E5



DAAF71

Complementary

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



34C9CB



CB3634

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.



F2A383



34C9CB



F29CC6

Square

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



34C9CB



A6B2F9



FC9CA2



B8BB72

Rectangle

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



34C9CB



57C1F7



FC9CA2



E3AB75

Sweetspot

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



34C9CB



C7FEFF



34CB34



5E7F80



000000



808080

Same Dimension

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



34C9CB



1CFDFF



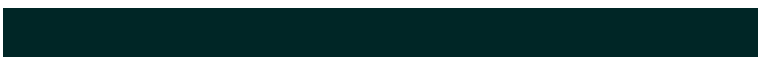
3480CB



5C6666



00A4A6



002626

Inverse Universe

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



CB34C9



FF1CFC



CB8034



665C66



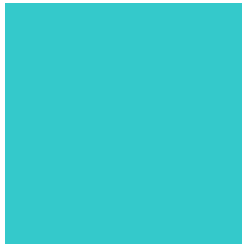
A600A4



260026

Previews

White Background



This preview shows how the Hex color 34C9CB 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 34C9CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

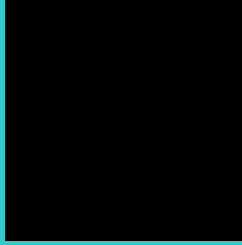
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

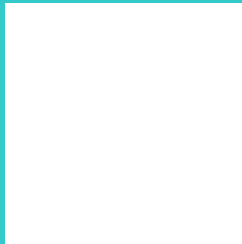
Any Text WCAG AAA ✓ Pass

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

Hex 34C9CB Background



This preview shows how black text looks on a background with the Hex color 34C9CB.



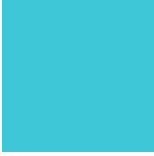
This preview shows how white text looks on a background with the Hex color 34C9CB.

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
3DC7D7

Trichromacy



Original Color
34C9CB



Protanomaly
86BCC3



Deuteranomaly
89B9CE



Tritanomaly
3AC8D3

Monochromacy



Original Color
34C9CB



Achromatopsia
9D9D9D



Achromatomaly
77ADAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 34C9CB 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 #34C9CB looks like.

```
.text, #text, p{  
    color:#34C9CB  
}
```

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 #34C9CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C9CB
}
```

Border

The CSS property to change the border of an element to Hex 34C9CB 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
#34C9CB }
```

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

```
.border{ border-color:#34C9CB }
```

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

Here you see how a box with a 4 pixel #34C9CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C9CB; -webkit-box-shadow:4px 4px  
4px 4px #34C9CB; box-shadow:4px 4px 4px  
4px #34C9CB }
```

Background

The CSS property to change the background color of an element to Hex 34C9CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C9CB }
```

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

```
.background{ background-color:#34C9CB }
```

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