

Converting Colors

Hex(35B9CA)

Have a look what the booklet for
Hex(35B9CA) contains.

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Color

Hex(35B9CA)

Conversions

Conversions Part 1

Format	Color
Hex	35B9CA
RGB	53, 185, 202
RGB Percent	21%, 73%, 79%
CMY	0.7922, 0.2745, 0.2078
CMYK	0.74, 0.08, 0.00, 0.21
HSL	187°, 58%, 50%
HSV	187°, 74%, 79%
XYZ	29.4778, 39.7191, 61.9900
YIQ	147.4700, -84.1290, -22.6970

Conversions

Conversions Part 2

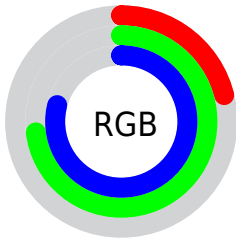
Format	Color
RYB	53, 123, 202
Decimal	3520970
CIELab	69.27, -29.09, -18.75
CIELCh	69, 34.609, 212.796
Yxy	39.7191, 0.2247, 0.3028
Android (android.graphics.Color)	4281711050 (0xFF35B9CA)
YUV	147.4700, 26.8833, -82.8502
Hunter-Lab	63.0231, -26.8004, -14.2020

Details

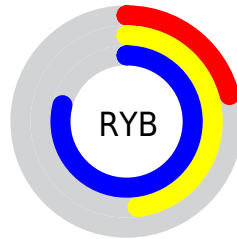
The Hex color **35B9CA** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **CA4635**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7AF1FF**, and **008394** is the 20% darker color. If you saturate the color by 10%, you get **21B7CA**, and if you desaturate by 10%, it is **49BBCA**.

Distribution



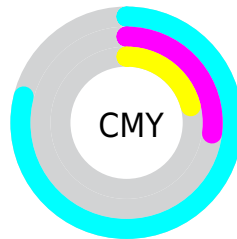
- Red (21%)
- Green (73%)
- Blue (79%)



- Red (21%)
- Yellow (48%)
- Blue (79%)



- Cyan (74%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35B9CA 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 35B9CA by changing the saturation by 10% instead.

 35B9CA

 35B9CA

FFFFFF

 009EAF

 7AF1FF

 008394

 98FFFF

 006A7A

 B7FFFF

 005161

 D5FFFF

 003A49

 F4FFFF

 002533

 00021E

 000001

 000000

■ 35B9CA

■ 35B9CA

■ 21B7CA

■ 49BBCA

■ 0DB4CA

■ 5DBECA

■ 00B3CA

■ 72C0CA

■ 86C2CA

■ 9AC5CA

■ AEC7CA

■ C2C9CA

■ D7CBCA

■ EBCECA

Harmonies

Analogous

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



4EBAAB



35B9CA



50B4E0

Triad

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



35B9CA



D396C6



BBA86A

Complementary

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



35B9CA



CA4635

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.



D69D72



35B9CA



E591A7

Square

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



35B9CA



B1A0DE



E59489



9AB173

Rectangle

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



35B9CA



71AEE7



E59489



C5A56B

Sweetspot

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



35B9CA



C7F9FF



35CA44



5E7C80



000000



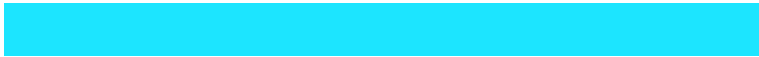
808080

Same Dimension

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



35B9CA



1CE5FF



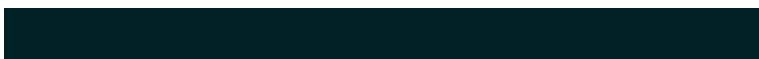
3571CA



5C6566



0093A6



002226

Inverse Universe

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



CA35B9



FF1CE5



CA8E35



665C65



A60093



260022

Previews

White Background



This preview shows how the Hex color 35B9CA 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 35B9CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

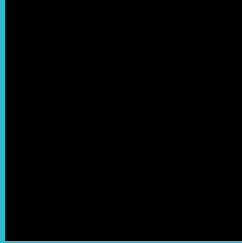
Any Text WCAG AA ✓ Pass

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 35B9CA Background



This preview shows how black text looks on a background with the Hex color 35B9CA.

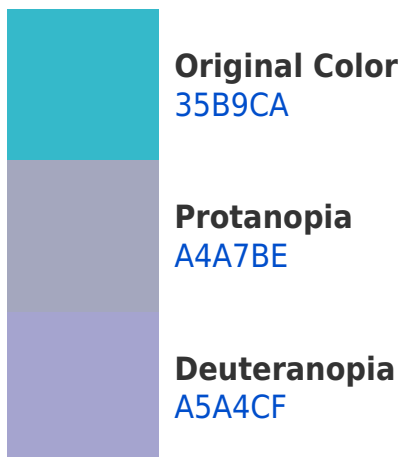


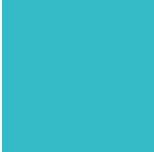
This preview shows how white text looks on a background with the Hex color 35B9CA.

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](#).

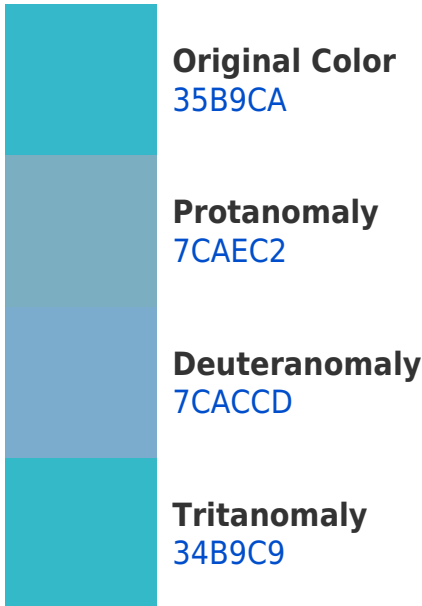
Dichromacy



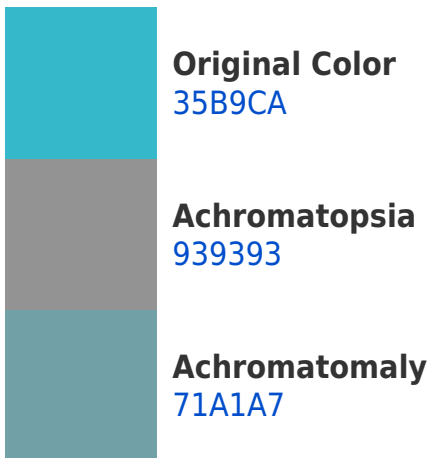


Tritanopia
34B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35B9CA 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 #35B9CA looks like.

```
.text, #text, p{  
    color:#35B9CA  
}
```

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 #35B9CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35B9CA
}
```

Border

The CSS property to change the border of an element to Hex 35B9CA 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
#35B9CA }
```

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

```
.border{ border-color:#35B9CA }
```

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

Here you see how a box with a 4 pixel #35B9CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35B9CA; -webkit-box-shadow:4px 4px  
4px 4px #35B9CA; box-shadow:4px 4px 4px  
4px #35B9CA }
```

Background

The CSS property to change the background color of an element to Hex 35B9CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35B9CA }
```

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

```
.background{ background-color:#35B9CA }
```

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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