

Converting Colors

Hex(35C7CA)

Have a look what the booklet for
Hex(35C7CA) contains.

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Color

Hex(35C7CA)

Conversions

Conversions Part 1

Format	Color
Hex	35C7CA
RGB	53, 199, 202
RGB Percent	21%, 78%, 79%
CMY	0.7922, 0.2196, 0.2078
CMYK	0.74, 0.01, 0.00, 0.21
HSL	181°, 58%, 50%
HSV	181°, 74%, 79%
XYZ	32.5523, 45.8680, 63.0148
YIQ	155.6880, -87.9790, -30.0190

Conversions

Conversions Part 2

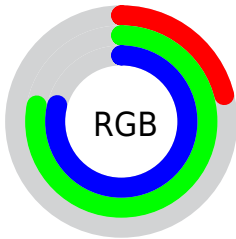
Format	Color
RYB	53, 127, 202
Decimal	3524554
CIELab	73.46, -35.78, -12.43
CIELCh	73, 37.875, 199.157
Yxy	45.8680, 0.2302, 0.3243
Android (android.graphics.Color)	4281714634 (0xFF35C7CA)
YUV	155.6880, 22.8318, -90.0574
Hunter-Lab	67.7259, -32.7248, -7.7576




Details

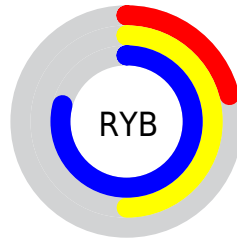
The Hex color **35C7CA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CA3835**, and the grayscale version is **9C9C9C**.




A 20% lighter version of the original color is **7BFFFF**, and **009094** is the 20% darker color. If you saturate the color by 10%, you get **21C7CA**, and if you desaturate by 10%, it is **49C7CA**.

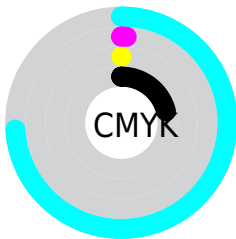
Distribution







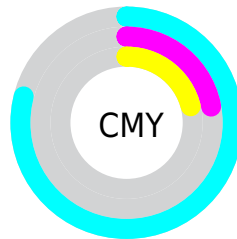
-  Red (21%)
-  Green (78%)
-  Blue (79%)






-  Red (21%)
-  Yellow (50%)
-  Blue (79%)



-  Cyan (74%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (21%)



-  Cyan (79%)
-  Magenta (22%)
-  Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35C7CA 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 35C7CA by changing the saturation by 10% instead.

 35C7CA

 35C7CA

FFFFFF

 00ABAF

 7BFFFF

 009094

 9AFFFF

 00767A

 B9FFFF

 005D61

 D8FFFF

 00454A

 F6FFFF

 002E33

 00151E

 000003

 000000

■ 35C7CA

■ 35C7CA

■ 21C7CA

■ 49C7CA

■ 0DC6CA

■ 5DC8CA

■ 00C6CA

■ 72C8CA

■ 86C9CA

■ 9AC9CA

■ AEC9CA

■ C2CACA

■ D7CACA

■ EBCBCA

Harmonies

Analogous

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



62C6A6



35C7CA



36C3E8

Triad

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



35C7CA



D4A4E2



D7AE70

Complementary

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



35C7CA



CA3835

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.



EFA281



35C7CA



F09BC3

Square

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



35C7CA



A6B0F6



F99A9F



B5B972

Rectangle

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



35C7CA



5ABFF5



F99A9F



E0AA74

Sweetspot

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



35C7CA



C7FEFF



35CA37



5E7F80



000000



808080

Same Dimension

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



35C7CA



1CFAFF



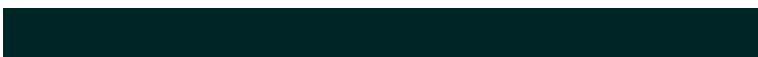
357DCA



5C6666



00A2A6



002526

Inverse Universe

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



CA35C7



FF1CFA



CA8235



665C66



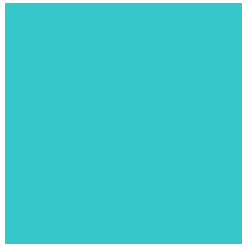
A600A2



260025

Previews

White Background



This preview shows how the Hex color 35C7CA looks on a white background.

Color Contrast Check

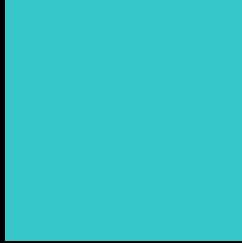
Large Text (above 18pt) WCAG AA × Fail

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 35C7CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

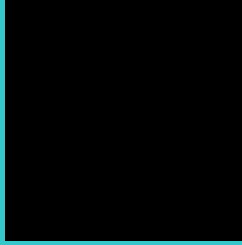
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

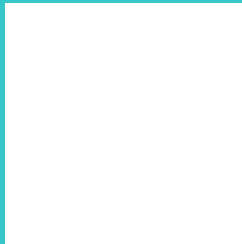
Any Text WCAG AAA ✓ Pass

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

Hex 35C7CA Background



This preview shows how black text looks on a background with the Hex color 35C7CA.

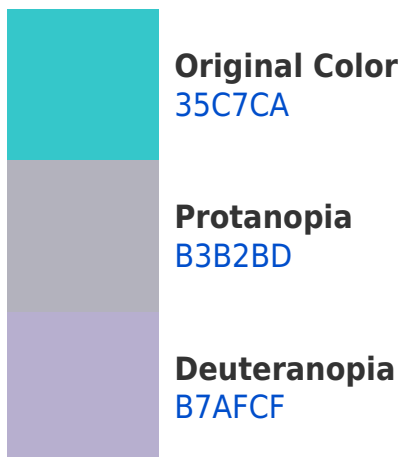


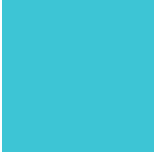
This preview shows how white text looks on a background with the Hex color 35C7CA.

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
3DC5D5

Trichromacy



Original Color
35C7CA



Protanomaly
85BAC2



Deuteranomaly
88B8CD



Tritanomaly
3AC6D1

Monochromacy



Original Color
35C7CA



Achromatopsia
9C9C9C



Achromatomaly
77ACAD

CSS Examples

Text

The CSS property to change the color of the text to Hex 35C7CA 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 #35C7CA looks like.

```
.text, #text, p{  
    color:#35C7CA  
}
```

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 #35C7CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C7CA
}
```

Border

The CSS property to change the border of an element to Hex 35C7CA 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
#35C7CA }
```

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

```
.border{ border-color:#35C7CA }
```

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

Here you see how a box with a 4 pixel #35C7CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C7CA; -webkit-box-shadow:4px 4px  
4px 4px #35C7CA; box-shadow:4px 4px 4px  
4px #35C7CA }
```

Background

The CSS property to change the background color of an element to Hex 35C7CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C7CA }
```

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

```
.background{ background-color:#35C7CA }
```

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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