

Converting Colors

Hex(3CC1CF)

Have a look what the booklet for
Hex(3CC1CF) contains.

Hex(3CC1CF)	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(3CC1CF)

Conversions

Conversions Part 1

Format	Color
Hex	3CC1CF
RGB	60, 193, 207
RGB Percent	24%, 76%, 81%
CMY	0.7647, 0.2431, 0.1882
CMYK	0.71, 0.07, 0.00, 0.19
HSL	186°, 60%, 52%
HSV	186°, 71%, 81%
XYZ	32.1959, 43.6056, 65.7513
YIQ	154.8290, -83.7620, -23.8420

Conversions

Conversions Part 2

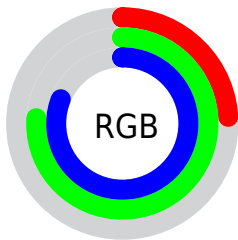
Format	Color
RYB	60, 130, 207
Decimal	3981775
CIELab	71.96, -30.61, -17.39
CIELCh	72, 35.204, 209.595
Yxy	43.6056, 0.2274, 0.3081
Android (android.graphics.Color)	4282171855 (0xFF3CC1CF)
YUV	154.8290, 25.7203, -83.1650
Hunter-Lab	66.0345, -28.5306, -12.8115




Details

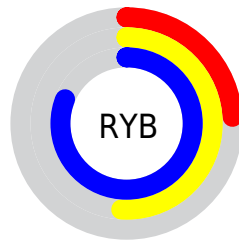
The Hex color **3CC1CF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CF4A3C**, and the grayscale version is **9B9B9B**.




A 20% lighter version of the original color is **7FFAFF**, and **008B99** is the 20% darker color. If you saturate the color by 10%, you get **27BFCF**, and if you desaturate by 10%, it is **51C3CF**.

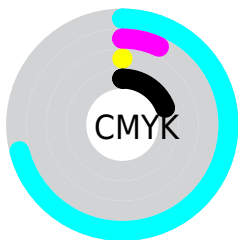
Distribution







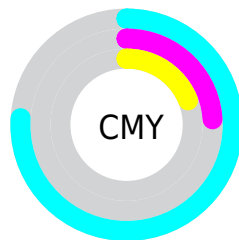
-  Red (24%)
-  Green (76%)
-  Blue (81%)






-  Red (24%)
-  Yellow (51%)
-  Blue (81%)



-  Cyan (71%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (19%)



-  Cyan (76%)
-  Magenta (24%)
-  Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC1CF 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 3CC1CF by changing the saturation by 10% instead.

 3CC1CF

 3CC1CF

FFFFFF

 00A6B3

 7FFAFF

 008B99

 9EFFFF

 00717F

 BCFFFF

 005866

 DBFFFF

 00404E

 FAFFFF

 002A37

 000F22

 000009

 000000

■ 3CC1CF

■ 3CC1CF

■ 27BFCF

■ 51C3CF

■ 13BDCF

■ 65C5CF

■ 00BBCF

■ 7AC7CF

■ 8FC9CF

■ A3CBCF

■ B8CDCF

■ CDCFCF

■ E2D1CF

■ F6D3CF

Harmonies

Analogous

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



58C2AF



3CC1CF



51BCE7

Triad

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



3CC1CF



D99DD1



C7AE70

Complementary

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



3CC1CF



CF4A3C

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.



E1A37A



3CC1CF



ED98B2

Square

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



3CC1CF



B4A8E8



EF9A92



A5B878

Rectangle

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



3CC1CF



72B7EF



EF9A92



D0AB71

Sweetspot

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



3CC1CF



C9FAFF



3CCF48



607C80



000000



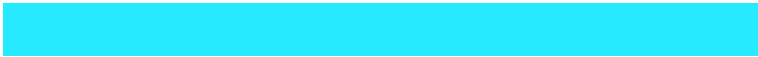
808080

Same Dimension

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



3CC1CF



26EAFB



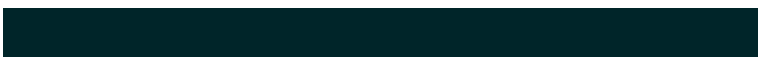
3C79CF



5E6869



0098A8



002529

Inverse Universe

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



CF3CC1



FF26EA



CF923C



695E68



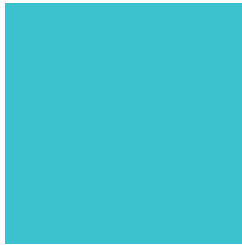
A80098



290025

Previews

White Background



This preview shows how the Hex color 3CC1CF looks on a white background.

Color Contrast Check

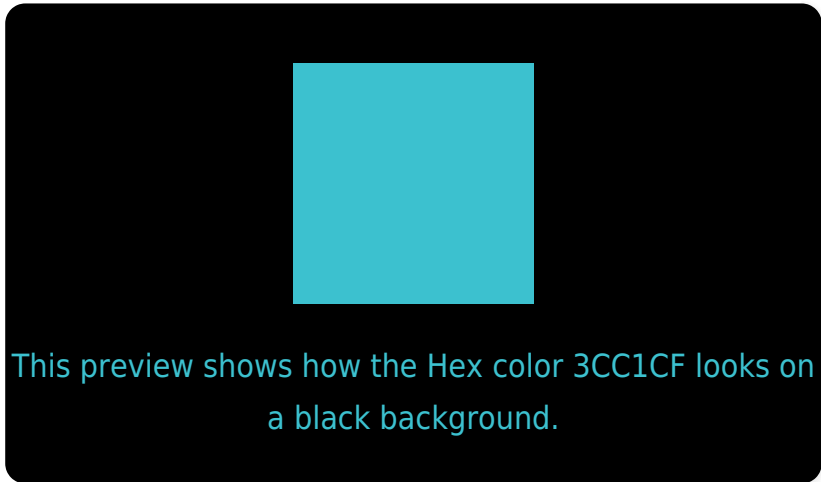
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

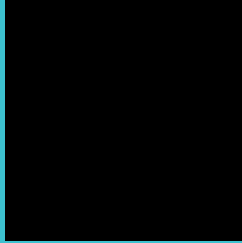
Any Text WCAG AA ✓ Pass

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 3CC1CF Background



This preview shows how black text looks on a background with the Hex color 3CC1CF.

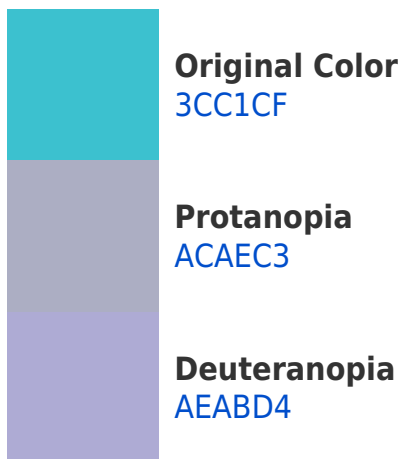


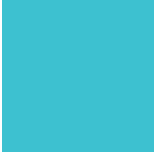
This preview shows how white text looks on a background with the Hex color 3CC1CF.

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](#).

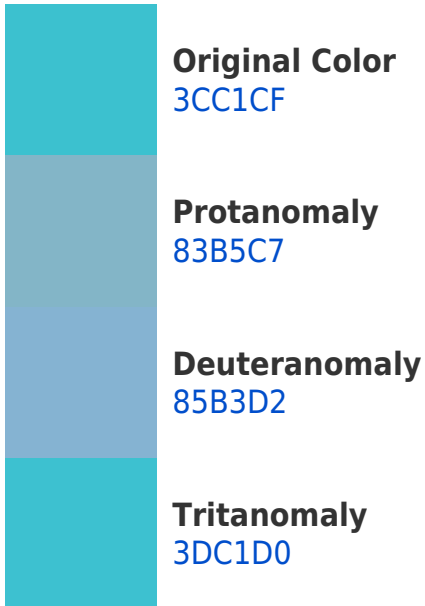
Dichromacy





Tritanopia
3DC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC1CF 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 #3CC1CF looks like.

```
.text, #text, p{  
    color:#3CC1CF  
}
```

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 #3CC1CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC1CF  
}
```

Border

The CSS property to change the border of an element to Hex 3CC1CF 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  
#3CC1CF }
```

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

```
.border{ border-color:#3CC1CF }
```

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

Here you see how a box with a 4 pixel #3CC1CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC1CF; -webkit-box-shadow:4px 4px  
4px 4px #3CC1CF; box-shadow:4px 4px 4px  
4px #3CC1CF }
```

Background

The CSS property to change the background color of an element to Hex 3CC1CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC1CF }
```

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

```
.background{ background-color:#3CC1CF }
```

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