

# Converting Colors

Hex(3CC4BF)

Have a look what the booklet for  
Hex(3CC4BF) contains.

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**Color**

**Hex(3CC4BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC4BF
RGB	60, 196, 191
RGB Percent	24%, 77%, 75%
CMY	0.7647, 0.2314, 0.2510
CMYK	0.69, 0.00, 0.03, 0.23
HSL	178°, 54%, 50%
HSV	178°, 69%, 77%
XYZ	31.0074, 44.2021, 56.1878
YIQ	154.7660, -79.4510, -30.3870

# Conversions

## Conversions Part 2

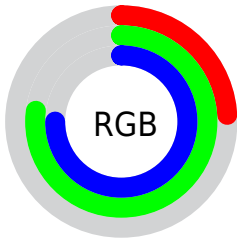
Format	Color
<a href="#">RYB</a>	<a href="#">60, 129, 196</a>
Decimal	<a href="#">3982527</a>
CIELab	<a href="#">72.36, -36.68, -8.07</a>
CIELCh	<a href="#">72, 37.553, 192.408</a>
Yxy	<a href="#">44.2021, 0.2360, 0.3364</a>
Android (android.graphics.Color)	<a href="#">4282172607 (0xFF3CC4BF)</a>
YUV	<a href="#">154.7660, 17.8634, -83.1098</a>
Hunter-Lab	<a href="#">66.4847, -33.0986, -3.5682</a>

# Details

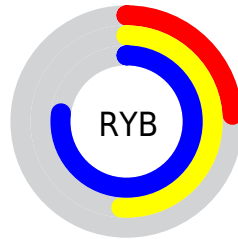
The Hex color **3CC4BF** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C43C41**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFD7**, and **008E8A** is the 20% darker color. If you saturate the color by 10%, you get **28C4BE**, and if you desaturate by 10%, it is **50C4C0**.

# Distribution



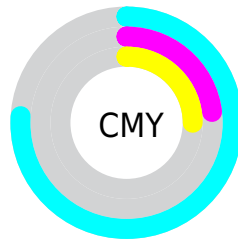
- Red (24%)
- Green (77%)
- Blue (75%)



- Red (24%)
- Yellow (51%)
- Blue (77%)



- Cyan (69%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (76%)
- Magenta (23%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CC4BF 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 3CC4BF by changing the saturation by 10% instead.





3CC4BF



3CC4BF

FFFFFF



00A8A4



7EFD7



008E8A



9DFFF



007470



BBFFF



005A58



D9FFF



004241



F8FFF



002B2B



001017



000000



3CC4BF



3CC4BF

■ 28C4BE

■ 50C4C0

■ 15C4BE

■ 63C4C0

■ 01C4BD

■ 77C4C1

■ 00C4BD

■ 8AC4C2

■ 9EC4C3

■ B2C4C3

■ C5C4C4

■ D9C4C5

■ ECC4C5

# Harmonies

## Analogous

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



6AC29C



3CC4BF



2CC1DF

# Triad

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



3CC4BF



C8A3E4



DAA870

# Complementary

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



3CC4BF



C43C41

# 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.



EF9D85



3CC4BF



E89AC7

# Square

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



3CC4BF



98B0F4



F597A4



BAB46E

# Rectangle

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



3CC4BF



4BBDED



F597A4



E2A475



# Sweetspot

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



3CC4BF



C9FFFD



43C43C



60807E



000000



808080



# Same Dimension

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



3CC4BF



2BFFF7



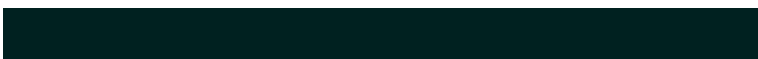
3C87C4



576161



00A19B



002120



# Inverse Universe

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



C43C41



FF2B33



C4793C



615758



A10006

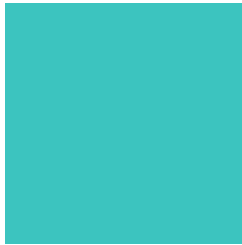


210001



# Previews

## White Background



This preview shows how the Hex color 3CC4BF looks on a white background.

## Color Contrast Check

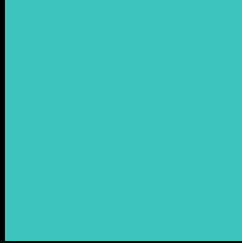
Large Text (above 18pt) WCAG AA × Fail

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 3CC4BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

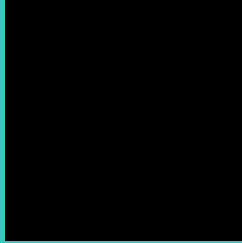
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

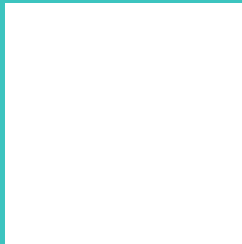
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3CC4BF Background



This preview shows how black text looks on a background with the Hex color 3CC4BF.



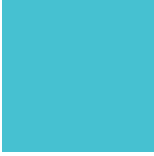
This preview shows how white text looks on a background with the Hex color 3CC4BF.

# 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**  
46C1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CC4BF 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 #3CC4BF looks like.

```
.text, #text, p{  
    color:#3CC4BF  
}
```

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 #3CC4BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC4BF
}
```

## Border

The CSS property to change the border of an element to Hex 3CC4BF 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
#3CC4BF }
```

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

```
.border{ border-color:#3CC4BF }
```

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

Here you see how a box with a 4 pixel #3CC4BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC4BF; -webkit-box-shadow:4px 4px  
4px 4px #3CC4BF; box-shadow:4px 4px 4px  
4px #3CC4BF }
```

# Background

The CSS property to change the background color of an element to Hex 3CC4BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC4BF }
```

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

```
.background{ background-color:#3CC4BF }
```

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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