

Converting Colors

Hex(3CC4B9)

Have a look what the booklet for
Hex(3CC4B9) contains.

Hex(3CC4B9)	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(3CC4B9)

Conversions

Conversions Part 1

Format	Color
Hex	3CC4B9
RGB	60, 196, 185
RGB Percent	24%, 77%, 73%
CMY	0.7647, 0.2314, 0.2745
CMYK	0.69, 0.00, 0.06, 0.23
HSL	175°, 54%, 50%
HSV	175°, 69%, 77%
XYZ	30.3604, 43.9433, 52.7807
YIQ	154.0820, -77.5250, -32.2530

Conversions

Conversions Part 2

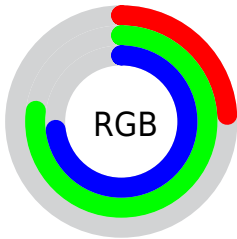
Format	Color
RYB	60, 131, 196
Decimal	3982521
CIELab	72.19, -38.34, -5.06
CIELCh	72, 38.674, 187.513
Yxy	43.9433, 0.2389, 0.3458
Android (android.graphics.Color)	4282172601 (0xFF3CC4B9)
YUV	154.0820, 15.2426, -82.5099
Hunter-Lab	66.2897, -34.2550, -0.8046

Details

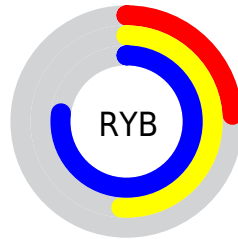
The Hex color **3CC4B9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C43C47**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7EFD1**, and **008E84** is the 20% darker color. If you saturate the color by 10%, you get **28C4B7**, and if you desaturate by 10%, it is **50C4BB**.

Distribution



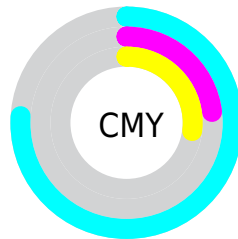
- Red (24%)
- Green (77%)
- Blue (73%)



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



- Cyan (69%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (76%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CC4B9 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 3CC4B9 by changing the saturation by 10% instead.

 3CC4B9

 3CC4B9

FFFFFF

 00A89E

 7EFDF1

 008E84

 9CFFFF

 00736B

 BAFFFF

 005A53

 D8FFFF

 00423C

 F7FFFF

 002B26

 000F12

 000000

 3CC4B9

 3CC4B9

 28C4B7

 50C4BB

 15C4B6

 63C4BC

 01C4B4

 77C4BE

 00C4B4

 8AC4BF

 9EC4C1

 B2C4C3

 C5C4C4

 D9C4C6

 ECC4C7

Harmonies

Analogous

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



6EC295



3CC4B9



17C2DB

Triad

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



3CC4B9



C1A5E9



DFA670

Complementary

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



3CC4B9



C43C47

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.



F29B88



3CC4B9



E599CD

Square

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



3CC4B9



8DB1F7



F595A9



C0B26A

Rectangle

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



3CC4B9



39BFEC



F595A9



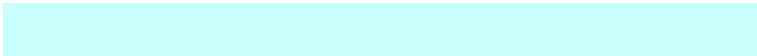
E7A276

Sweetspot

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



3CC4B9



C9FFFB



47C43C



60807D



000000



808080

Same Dimension

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



3CC4B9



2BFFEE



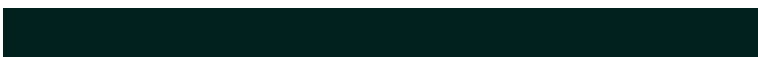
3C8BC4



576160



00A194



00211E

Inverse Universe

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



C43C47



FF2B3C



C4753C



615758



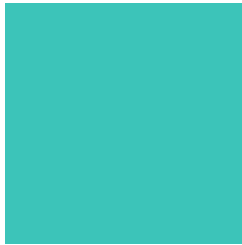
A1000D



210003

Previews

White Background



This preview shows how the Hex color 3CC4B9 looks on a white background.

Color Contrast Check

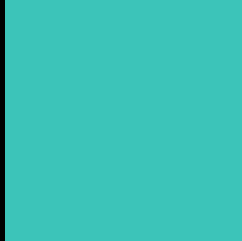
Large Text (above 18pt) WCAG AA × Fail

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 3CC4B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

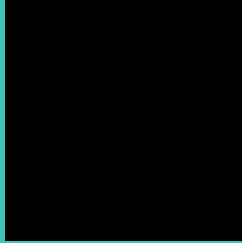
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

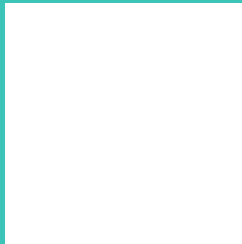
Any Text WCAG AAA ✓ Pass

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

Hex 3CC4B9 Background



This preview shows how black text looks on a background with the Hex color 3CC4B9.

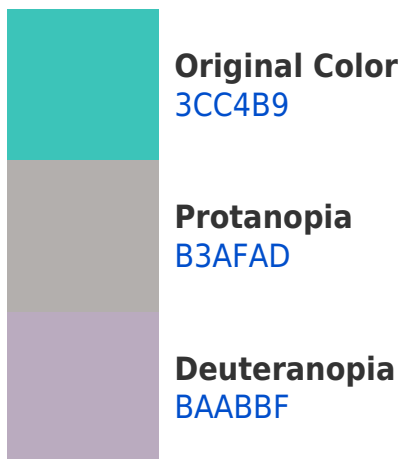


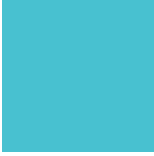
This preview shows how white text looks on a background with the Hex color 3CC4B9.

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
48C1D0

Trichromacy



Original Color
3CC4B9



Protanomaly
88B7B1



Deuteranomaly
8CB4BD



Tritanomaly
44C2C8

Monochromacy



Original Color
3CC4B9



Achromatopsia
9A9A9A



Achromatomaly
78A9A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC4B9 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 #3CC4B9 looks like.

```
.text, #text, p{  
    color:#3CC4B9  
}
```

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 #3CC4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC4B9
}
```

Border

The CSS property to change the border of an element to Hex 3CC4B9 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
#3CC4B9 }
```

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

```
.border{ border-color:#3CC4B9 }
```

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

Here you see how a box with a 4 pixel #3CC4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC4B9; -webkit-box-shadow:4px 4px  
4px 4px #3CC4B9; box-shadow:4px 4px 4px  
4px #3CC4B9 }
```

Background

The CSS property to change the background color of an element to Hex 3CC4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC4B9 }
```

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

```
.background{ background-color:#3CC4B9 }
```

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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