

Converting Colors

Hex(3CC4BE)

Have a look what the booklet for
Hex(3CC4BE) contains.

Hex(3CC4BE)	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(3CC4BE)

Conversions

Conversions Part 1

Format	Color
Hex	3CC4BE
RGB	60, 196, 190
RGB Percent	24%, 77%, 75%
CMY	0.7647, 0.2314, 0.2549
CMYK	0.69, 0.00, 0.03, 0.23
HSL	177°, 54%, 50%
HSV	177°, 69%, 77%
XYZ	30.8977, 44.1582, 55.6101
YIQ	154.6520, -79.1300, -30.6980

Conversions

Conversions Part 2

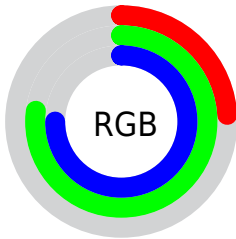
Format	Color
RYB	60, 130, 196
Decimal	3982526
CIELab	72.33, -36.96, -7.57
CIElCh	72, 37.723, 191.573
Yxy	44.1582, 0.2365, 0.3379
Android (android.graphics.Color)	4282172606 (0xFF3CC4BE)
YUV	154.6520, 17.4266, -83.0098
Hunter-Lab	66.4517, -33.2942, -3.1007

Details

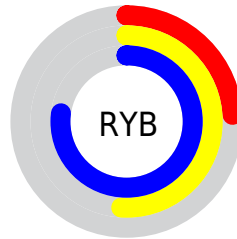
The Hex color **3CC4BE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C43C42**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFD66**, and **008E89** is the 20% darker color. If you saturate the color by 10%, you get **28C4BD**, and if you desaturate by 10%, it is **50C4BF**.

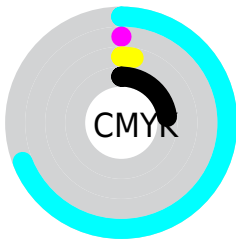
Distribution



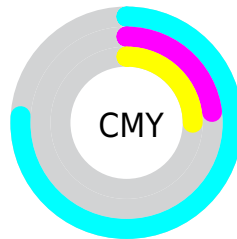
- Red (24%)
- Green (77%)
- Blue (75%)



- 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 3CC4BE 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 3CC4BE by changing the saturation by 10% instead.

 3CC4BE

 3CC4BE

FFFFFF

 00A8A3

 7EFDF6

 008E89

 9CFFFF

 00736F

 BBFFFF

 005A57

 D9FFFF

 004240

 F7FFFF

 002B2A

 001016

 000000

 3CC4BE

 3CC4BE

■ 28C4BD

■ 50C4BF

■ 15C4BC

■ 63C4C0

■ 01C4BB

■ 77C4C1

■ 00C4BB

■ 8AC4C1

■ 9EC4C2

■ B2C4C3

■ C5C4C4

■ D9C4C5

■ ECC4C6

Harmonies

Analogous

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



6AC29A



3CC4BE



29C2DE

Triad

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



3CC4BE



C7A4E5



DBA870

Complementary

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



3CC4BE



C43C42

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



3CC4BE



E79AC8

Square

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



3CC4BE



96B0F5



F597A5



BBB46D

Rectangle

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



3CC4BE



48BEED



F597A5



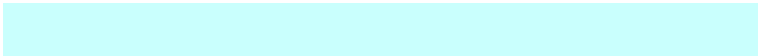
E3A476

Sweetspot

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



3CC4BE



C9FFFD



43C43C



60807E



000000



808080

Same Dimension

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



3CC4BE



2BFFF6



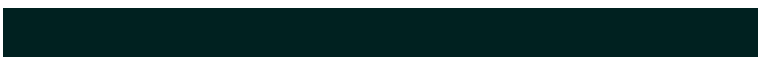
3C87C4



576160



00A19A



002120

Inverse Universe

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



C43C42



FF2B35



C4793C



615758



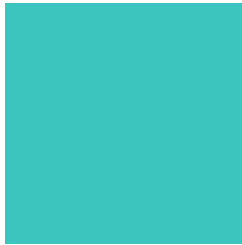
A10007



210001

Previews

White Background



This preview shows how the Hex color 3CC4BE looks on a white background.

Color Contrast Check

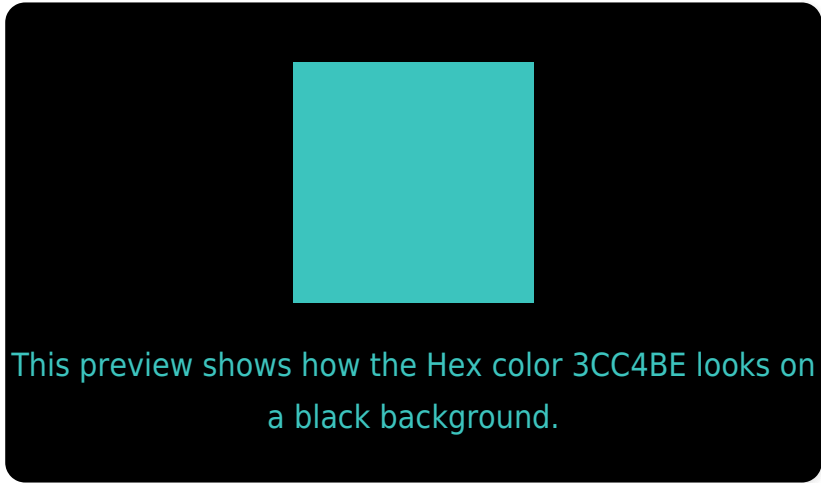
Large Text (above 18pt) WCAG AA × Fail

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

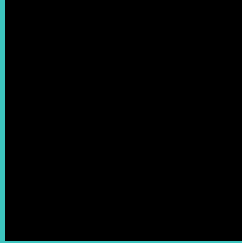
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

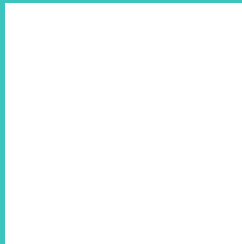
Any Text WCAG AAA ✓ Pass

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

Hex 3CC4BE Background



This preview shows how black text looks on a background with the Hex color 3CC4BE.



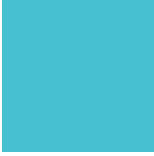
This preview shows how white text looks on a background with the Hex color 3CC4BE.

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
47C1D1

Trichromacy



Original Color
3CC4BE



Protanomaly
88B7B6



Deuteranomaly
8BB4C1



Tritanomaly
43C2CA

Monochromacy



Original Color
3CC4BE



Achromatopsia
9B9B9B



Achromatomaly
78AAA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CC4BE 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 #3CC4BE looks like.

```
.text, #text, p{  
    color:#3CC4BE  
}
```

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 #3CC4BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC4BE
}
```

Border

The CSS property to change the border of an element to Hex 3CC4BE 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
#3CC4BE }
```

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

```
.border{ border-color:#3CC4BE }
```

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

Here you see how a box with a 4 pixel #3CC4BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC4BE; -webkit-box-shadow:4px 4px  
4px 4px #3CC4BE; box-shadow:4px 4px 4px  
4px #3CC4BE }
```

Background

The CSS property to change the background color of an element to Hex 3CC4BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC4BE }
```

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

```
.background{ background-color:#3CC4BE }
```

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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