

Converting Colors

Hex(3BC4C4)

Have a look what the booklet for
Hex(3BC4C4) contains.

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Color

Hex(3BC4C4)

Conversions

Conversions Part 1

Format	Color
Hex	3BC4C4
RGB	59, 196, 196
RGB Percent	23%, 77%, 77%
CMY	0.7686, 0.2314, 0.2314
CMYK	0.70, 0.00, 0.00, 0.23
HSL	180°, 54%, 50%
HSV	180°, 70%, 77%
XYZ	31.5074, 44.3952, 59.1331
YIQ	155.0370, -81.6520, -29.0440

Conversions

Conversions Part 2

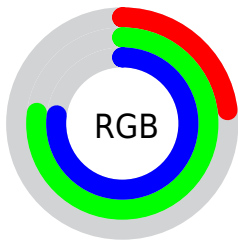
Format	Color
RYB	59, 128, 196
Decimal	3916996
CIELab	72.49, -35.39, -10.60
CIELCh	72, 36.943, 196.679
Yxy	44.3952, 0.2333, 0.3288
Android (android.graphics.Color)	4282107076 (0xFF3BC4C4)
YUV	155.0370, 20.1948, -84.2244
Hunter-Lab	66.6297, -32.1942, -5.9784

Details

The Hex color **3BC4C4** 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 **C43B3B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFDfD**, and **008E8E** is the 20% darker color. If you saturate the color by 10%, you get **27C4C4**, and if you desaturate by 10%, it is **4FC4C4**.

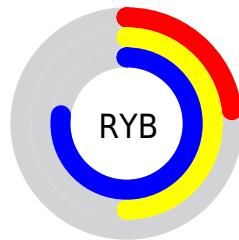
Distribution



Red (23%)

Green (77%)

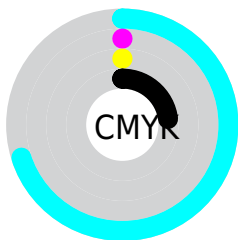
Blue (77%)



Red (23%)

Yellow (50%)

Blue (77%)

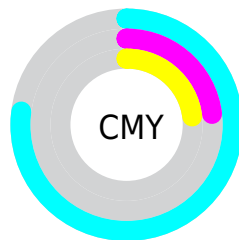


Cyan (70%)

Magenta (0%)

Yellow (0%)

Black (23%)



Cyan (77%)

Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC4C4 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 3BC4C4 by changing the saturation by 10% instead.

 3BC4C4

 3BC4C4

FFFFFF

 00A8A9

 7EFDfD

 008E8E

 9CFFFF

 007475

 BBFFFF

 005A5C

 D9FFFF

 004245

 F8FFFF

 002B2F

 00111A

 000000

 3BC4C4

 3BC4C4

■ 27C4C4

■ 4FC4C4

■ 14C4C4

■ 62C4C4

■ 00C4C4

■ 76C4C4

■ 89C4C4

■ 9DC4C4

■ B1C4C4

■ C4C4C4

■ D8C4C4

■ EBC4C4

Harmonies

Analogous

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



65C3A1



3BC4C4



37C1E2

Triad

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



3BC4C4



CDA2E0



D6AB70

Complementary

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



3BC4C4



C43B3B

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.



EC9F82



3BC4C4



EA99C2

Square

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



3BC4C4



A0AFF2



F498A0



B5B670

Rectangle

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



3BC4C4



56BCEF



F498A0



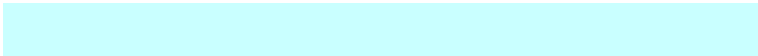
DFA774

Sweetspot

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



3BC4C4



C9FFFF



3BC43B



608080



000000



808080

Same Dimension

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



3BC4C4



29FFFF



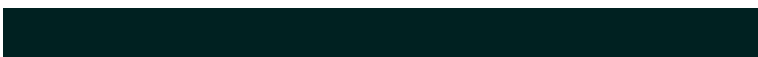
3B80C4



576161



00A1A1



002121

Inverse Universe

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



C43BC4



FF29FF



C4803B



615761



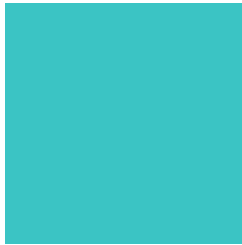
A100A1



210021

Previews

White Background



This preview shows how the Hex color 3BC4C4 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 3BC4C4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

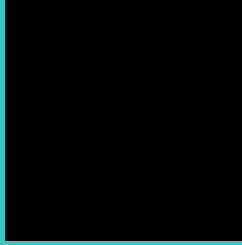
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

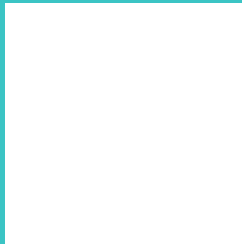
Any Text WCAG AAA ✓ Pass

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

Hex 3BC4C4 Background



This preview shows how black text looks on a background with the Hex color 3BC4C4.

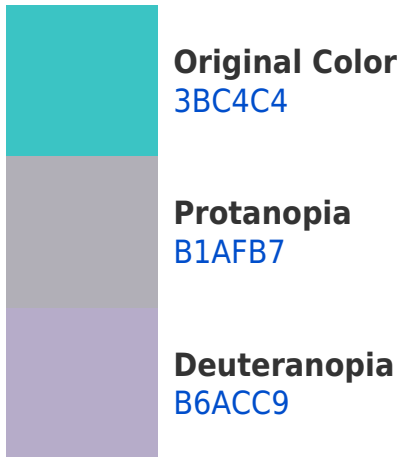


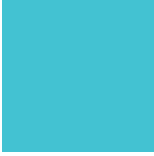
This preview shows how white text looks on a background with the Hex color 3BC4C4.

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
43C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC4C4 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 #3BC4C4 looks like.

```
.text, #text, p{  
    color:#3BC4C4  
}
```

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 #3BC4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC4C4
}
```

Border

The CSS property to change the border of an element to Hex 3BC4C4 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
#3BC4C4 }
```

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

```
.border{ border-color:#3BC4C4 }
```

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

Here you see how a box with a 4 pixel #3BC4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC4C4; -webkit-box-shadow:4px 4px  
4px 4px #3BC4C4; box-shadow:4px 4px 4px  
4px #3BC4C4 }
```

Background

The CSS property to change the background color of an element to Hex 3BC4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC4C4 }
```

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

```
.background{ background-color:#3BC4C4 }
```

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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