

Converting Colors

Hex(3BC4C7)

Have a look what the booklet for
Hex(3BC4C7) contains.

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Color

Hex(3BC4C7)

Conversions

Conversions Part 1

Format	Color
Hex	3BC4C7
RGB	59, 196, 199
RGB Percent	23%, 77%, 78%
CMY	0.7686, 0.2314, 0.2196
CMYK	0.70, 0.02, 0.00, 0.22
HSL	181°, 56%, 51%
HSV	181°, 70%, 78%
XYZ	31.8524, 44.5332, 60.9498
YIQ	155.3790, -82.6150, -28.1110

Conversions

Conversions Part 2

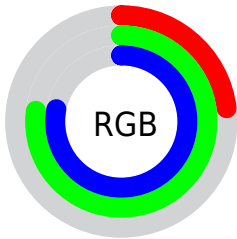
Format	Color
RYB	59, 128, 199
Decimal	3916999
CIELab	72.58, -34.53, -12.10
CIELCh	73, 36.584, 199.312
Yxy	44.5332, 0.2319, 0.3243
Android (android.graphics.Color)	4282107079 (0xFF3BC4C7)
YUV	155.3790, 21.5052, -84.5244
Hunter-Lab	66.7332, -31.5834, -7.4384

Details

The Hex color **3BC4C7** 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 **C73E3B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFDFF**, and **008E91** is the 20% darker color. If you saturate the color by 10%, you get **27C4C7**, and if you desaturate by 10%, it is **4FC4C7**.

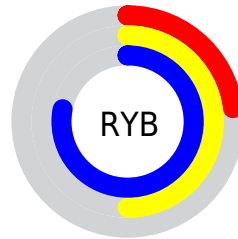
Distribution



Red (23%)

Green (77%)

Blue (78%)



Red (23%)

Yellow (50%)

Blue (78%)

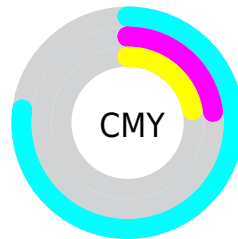


Cyan (70%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (77%)

Magenta (23%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC4C7 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 3BC4C7 by changing the saturation by 10% instead.

 3BC4C7

 3BC4C7

FFFFFF

 00A8AC

 7EFDFF

 008E91

 9DFFFF

 007478

 BBFFFF

 005A5F

 DAFFFF

 004247

 F8FFFF

 002C31

 00121C

 000000

 3BC4C7

 3BC4C7

■ 27C4C7

■ 4FC4C7

■ 13C3C7

■ 63C5C7

■ 00C3C7

■ 77C5C7

■ 8BC6C7

■ 9FC6C7

■ B2C7C7

■ C6C7C7

■ DAC7C7

■ EEC8C7

Harmonies

Analogous

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



63C3A5



3BC4C7



3DC1E4

Triad

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



3BC4C7



D1A2DE



D3AC70

Complementary

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



3BC4C7



C73E3B

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.



EBA181



3BC4C7



EC9ABF

Square

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



3BC4C7



A5AEF1



F4999E



B3B772

Rectangle

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



3BC4C7



5DBCFO



F4999E



DCA874

Sweetspot

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



3BC4C7



C9FEFF



3BC73D



607F80



000000



808080

Same Dimension

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



3BC4C7



29FAFF



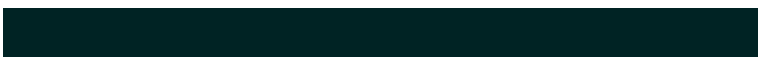
3B7FC7



5A6363



00A0A3



002324

Inverse Universe

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



C73BC4



FF29FA



C7833B



635A63



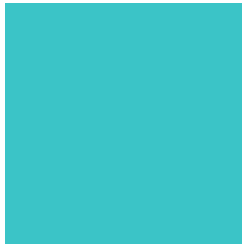
A300A0



240023

Previews

White Background



This preview shows how the Hex color 3BC4C7 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 3BC4C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

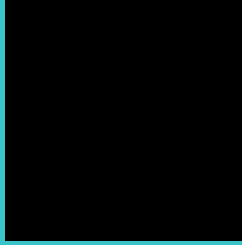
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

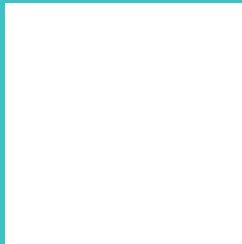
Any Text WCAG AAA ✓ Pass

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

Hex 3BC4C7 Background



This preview shows how black text looks on a background with the Hex color 3BC4C7.

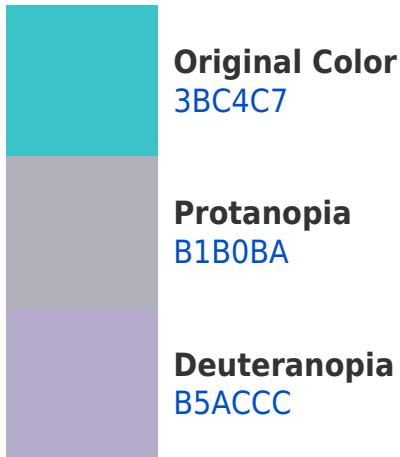


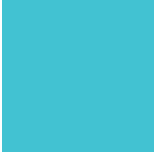
This preview shows how white text looks on a background with the Hex color 3BC4C7.

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
42C2D2

Trichromacy



Original Color
3BC4C7



Protanomaly
86B7BF



Deuteranomaly
89B5CA



Tritanomaly
3FC3CE

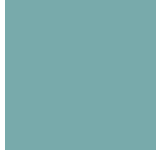
Monochromacy



Original Color
3BC4C7



Achromatopsia
9B9B9B



Achromatomaly
78AAAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC4C7 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 #3BC4C7 looks like.

```
.text, #text, p{  
    color:#3BC4C7  
}
```

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 #3BC4C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC4C7
}
```

Border

The CSS property to change the border of an element to Hex 3BC4C7 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
#3BC4C7 }
```

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

```
.border{ border-color:#3BC4C7 }
```

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

Here you see how a box with a 4 pixel #3BC4C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC4C7; -webkit-box-shadow:4px 4px  
4px 4px #3BC4C7; box-shadow:4px 4px 4px  
4px #3BC4C7 }
```

Background

The CSS property to change the background color of an element to Hex 3BC4C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC4C7 }
```

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

```
.background{ background-color:#3BC4C7 }
```

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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