

Converting Colors

Hex(3BC4C8)

Have a look what the booklet for
Hex(3BC4C8) contains.

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Color

Hex(3BC4C8)

Conversions

Conversions Part 1

Format	Color
Hex	3BC4C8
RGB	59, 196, 200
RGB Percent	23%, 77%, 78%
CMY	0.7686, 0.2314, 0.2157
CMYK	0.70, 0.02, 0.00, 0.22
HSL	182°, 56%, 51%
HSV	182°, 70%, 78%
XYZ	31.9689, 44.5798, 61.5634
YIQ	155.4930, -82.9360, -27.8000

Conversions

Conversions Part 2

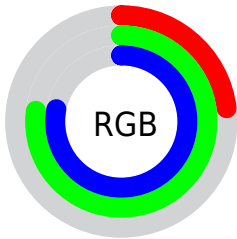
Format	Color
R _Y B	59, 128, 200
Decimal	3917000
CIE _{Lab}	72.61, -34.24, -12.60
CIE _{LCh}	73, 36.480, 200.201
Y _{xy}	44.5798, 0.2315, 0.3228
Android (android.graphics.Color)	4282107080 (0xFF3BC4C8)
YUV	155.4930, 21.9420, -84.6244
Hunter-Lab	66.7681, -31.3775, -7.9306

Details

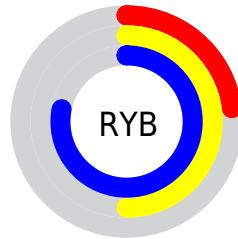
The Hex color **3BC4C8** is a light color, and the **websafe** version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C83F3B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFDFF**, and **008E92** is the 20% darker color. If you saturate the color by 10%, you get **27C3C8**, and if you desaturate by 10%, it is **4FC5C8**.

Distribution



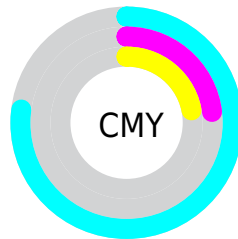
- Red (23%)
- Green (77%)
- Blue (78%)



- 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 3BC4C8 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 3BC4C8 by changing the saturation by 10% instead.

 3BC4C8

 5FE0E4

 7EFDFF

 9DFFFF

 BBFFFF

 DAFFFF

 F8FFFF

 FFFFFFFF

 3BC4C8

 00A8AD

 008E92

 007478

 005B60

 004248

 002C32

 00121D

 000000

 3BC4C8

 27C3C8

 13C3C8

 00C2C8

 3BC4C8

 4FC5C8

 63C5C8

 77C6C8

 8BC6C8

 9FC7C8

 B3C7C8

 C7C8C8

 DBC9C8

 EFC9C8

Harmonies

Analogous

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



62C3A6



3BC4C8



3FC0E4

Triad

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



3BC4C8



D2A2DD



D2AC70

Complementary

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



3BC4C8



C83F3B

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.



EAA180



3BC4C8



EC9ABF

Square

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



3BC4C8



A7AEF1



F4999D



B2B773

Rectangle

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



3BC4C8



5FBCF0



F4999D



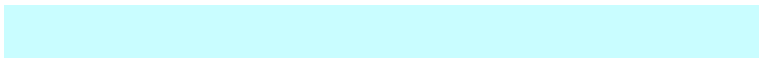
DCA874

Sweetspot

The sweet spot groups the original color and five complimentary colors.



3BC4C8



C9FDFF



3BC83D



607F80



000000



808080

Previews

White Background



This preview shows how the Hex color 3BC4C8 looks on a white background.

Color Contrast Check

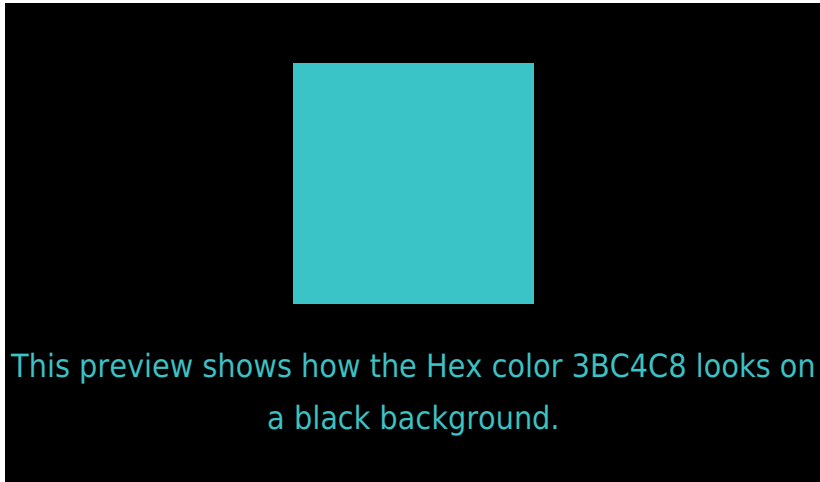
Large Text (above 18pt) WCAG AA × Fail

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

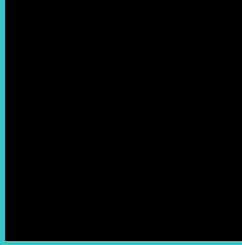
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

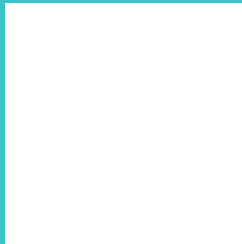
Any Text WCAG AAA ✓ Pass

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

Hex 3BC4C8 Background



This preview shows how black text looks on a background with the Hex color 3BC4C8.

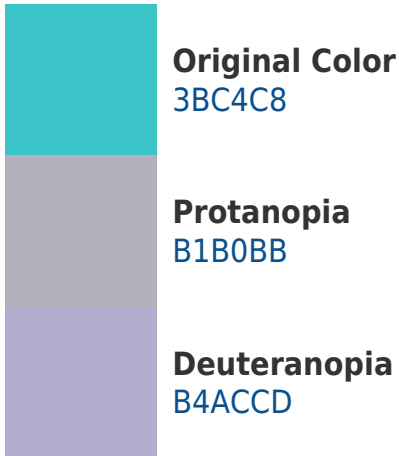


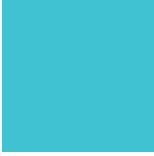
This preview shows how white text looks on a background with the Hex color 3BC4C8.

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
41C2D2

Trichromacy



Original Color
3BC4C8



Protanomaly
86B7C0



Deuteranomaly
88B5CB



Tritanomaly
3FC3CE

Monochromacy



Original Color
3BC4C8



Achromatopsia
9B9B9B



Achromatomaly
78AAAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC4C8 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 #3BC4C8 looks like.

```
.text, #text, p{  
    color:#3BC4C8  
}
```


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 #3BC4C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC4C8
}
```

Border

The CSS property to change the border of an element to Hex 3BC4C8 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
#3BC4C8 }
```

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

```
.border{ border-color:#3BC4C8 }
```

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

Here you see how a box with a 4 pixel #3BC4C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC4C8; -webkit-box-shadow:4px 4px  
4px 4px #3BC4C8; box-shadow:4px 4px 4px  
4px #3BC4C8 }
```

Background

The CSS property to change the background color of an element to Hex 3BC4C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC4C8 }
```

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

```
.background{ background-color:#3BC4C8 }
```

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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