

Converting Colors

Hex(3BC1C8)

Have a look what the booklet for
Hex(3BC1C8) contains.

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Color

Hex(3BC1C8)

Conversions

Conversions Part 1

Format	Color
Hex	3BC1C8
RGB	59, 193, 200
RGB Percent	23%, 76%, 78%
CMY	0.7686, 0.2431, 0.2157
CMYK	0.70, 0.04, 0.00, 0.22
HSL	183°, 56%, 51%
HSV	183°, 70%, 78%
XYZ	31.2989, 43.2399, 61.3401
YIQ	153.7320, -82.1110, -26.2310

Conversions

Conversions Part 2

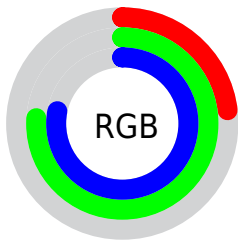
Format	Color
R _{YB}	59, 128, 200
Decimal	3916232
CIE Lab	71.72, -32.82, -13.94
CIE LCh	72, 35.655, 203.020
Yxy	43.2399, 0.2303, 0.3182
Android (android.graphics.Color)	4282106312 (0xFF3BC1C8)
YUV	153.7320, 22.8101, -83.0800
Hunter-Lab	65.7570, -30.1127, -9.2775

Details

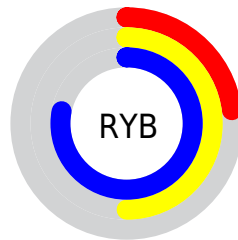
The Hex color **3BC1C8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C8423B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7EFAFF**, and **008B92** is the 20% darker color. If you saturate the color by 10%, you get **27C0C8**, and if you desaturate by 10%, it is **4FC2C8**.

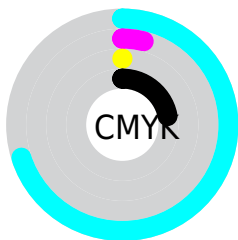
Distribution



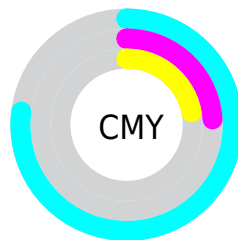
- Red (23%)
- Green (76%)
- Blue (78%)



- Red (23%)
- Yellow (50%)
- Blue (78%)



- Cyan (70%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC1C8 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 3BC1C8 by changing the saturation by 10% instead.

 3BC1C8

 3BC1C8

FFFFFF

 00A6AD

 7EFAFF

 008B92

 9DFFFF

 007178

 BBFFFF

 005860

 D9FFFF

 004048

 F8FFFF

 002A31

 000D1D

 000000

 3BC1C8

 3BC1C8

■ 27C0C8

■ 4FC2C8

■ 13BFC8

■ 63C3C8

■ 00BEC8

■ 77C4C8

■ 8BC5C8

■ 9FC6C8

■ B3C7C8

■ C7C8C8

■ DBC9C8

■ EFCAC8

Harmonies

Analogous

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



5EC1A7



3BC1C8



45BDE3

Triad

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



3BC1C8



D29FD7



CDAB6F

Complementary

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



3BC1C8



C8423B

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.



E5A07D



3BC1C8



EA97B9

Square

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



3BC1C8



A9AAEB



F09898



ACB573

Rectangle

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



3BC1C8



64B8ED



F09898



D6A772

Sweetspot

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



3BC1C8



C9FCFF



3BC840



607E80



000000



808080

Same Dimension

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



3BC1C8



26F4FF



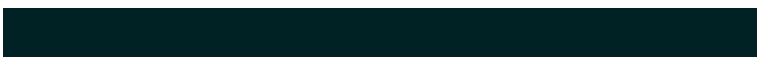
3B7DC8



5A6363



009BA3



002224

Inverse Universe

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



C83BC1



FF26F4



C8863B



635A63



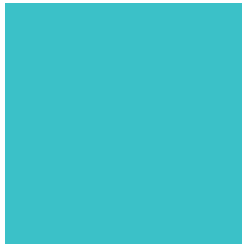
A3009B



240022

Previews

White Background



This preview shows how the Hex color 3BC1C8 looks on a white background.

Color Contrast Check

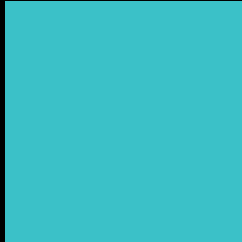
Large Text (above 18pt) WCAG AA × Fail

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 3BC1C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

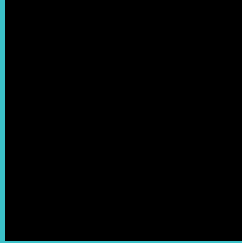
Any Text WCAG AA ✓ Pass

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 3BC1C8 Background



This preview shows how black text looks on a background with the Hex color 3BC1C8.

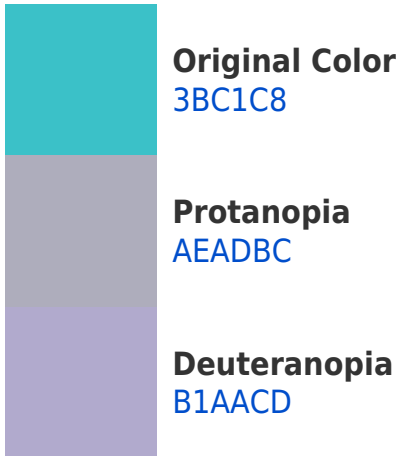


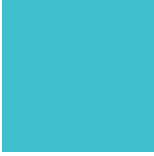
This preview shows how white text looks on a background with the Hex color 3BC1C8.

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
40COCF

Trichromacy



Original Color
3BC1C8



Protanomaly
84B4C0



Deuteranomaly
86B2CB



Tritanomaly
3EC0CC

Monochromacy



Original Color
3BC1C8



Achromatopsia
9A9A9A



Achromatomaly
77A8AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC1C8 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 #3BC1C8 looks like.

```
.text, #text, p{  
    color:#3BC1C8  
}
```

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 #3BC1C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC1C8 } }
```

Border

The CSS property to change the border of an element to Hex 3BC1C8 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 #3BC1C8 } }
```

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

```
.border{ border-color:#3BC1C8 }
```

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

Here you see how a box with a 4 pixel #3BC1C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC1C8; -webkit-box-shadow:4px 4px  
4px 4px #3BC1C8; box-shadow:4px 4px 4px  
4px #3BC1C8 }
```

Background

The CSS property to change the background color of an element to Hex 3BC1C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC1C8 }
```

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

```
.background{ background-color:#3BC1C8 }
```

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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