

Converting Colors

Hex(3BC3C8)

Have a look what the booklet for
Hex(3BC3C8) contains.

Hex(3BC3C8)	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(3BC3C8)

Conversions

Conversions Part 1

Format	Color
Hex	3BC3C8
RGB	59, 195, 200
RGB Percent	23%, 76%, 78%
CMY	0.7686, 0.2353, 0.2157
CMYK	0.70, 0.03, 0.00, 0.22
HSL	182°, 56%, 51%
HSV	182°, 70%, 78%
XYZ	31.7441, 44.1302, 61.4885
YIQ	154.9060, -82.6610, -27.2770

Conversions

Conversions Part 2

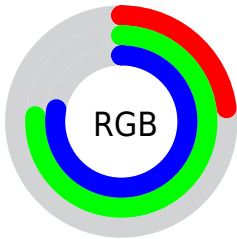
Format	Color
R _{YB}	59, 128, 200
Decimal	3916744
CIE Lab	72.32, -33.76, -13.05
CIE LCh	72, 36.197, 201.125
Yxy	44.1302, 0.2311, 0.3213
Android (android.graphics.Color)	4282106824 (0xFF3BC3C8)
YUV	154.9060, 22.2313, -84.1096
Hunter-Lab	66.4305, -30.9566, -8.3778

Details

The Hex color **3BC3C8** 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 **C8403B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7EFCFF**, and **008D92** is the 20% darker color. If you saturate the color by 10%, you get **27C2C8**, and if you desaturate by 10%, it is **4FC4C8**.

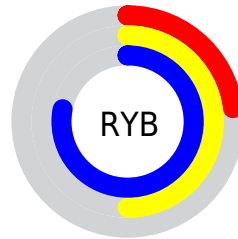
Distribution



Red (23%)

Green (76%)

Blue (78%)



Red (23%)

Yellow (50%)

Blue (78%)

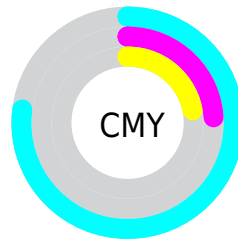


Cyan (70%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (77%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC3C8 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 3BC3C8 by changing the saturation by 10% instead.

 3BC3C8

 3BC3C8

FFFFFF

 00A8AD

 7EFCFF

 008D92

 9DFFFF

 007378

 BBFFFF

 005A60

 DAFFFF

 004248

 F8FFFF

 002B32

 00101D

 000000

 3BC3C8

 3BC3C8

■ 27C2C8

■ 4FC4C8

■ 13C2C8

■ 63C4C8

■ 00C1C8

■ 77C5C8

■ 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.



61C3A6



3BC3C8



41BFE4

Triad

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



3BC3C8



D2A1DB



D1AC70

Complementary

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



3BC3C8



C8403B

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.



E8A17F



3BC3C8



EB99BD

Square

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



3BC3C8



A7ACEF



F3999B



B0B773

Rectangle

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



3BC3C8



61BBEF



F3999B



DAA873

Sweetspot

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



3BC3C8



C9FDFD



3BC840



607E80



000000



808080

Same Dimension

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



3BC3C8



26F7FF



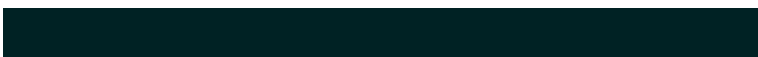
3B7DC8



5A6363



009DA3



002224

Inverse Universe

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



C83BC3



FF26F7



C8863B



635A63



A3009D



240022

Previews

White Background



This preview shows how the Hex color 3BC3C8 looks on a white background.

Color Contrast Check

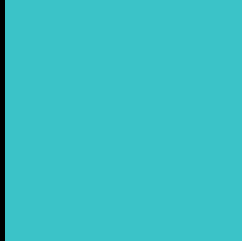
Large Text (above 18pt) WCAG AA × Fail

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 3BC3C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

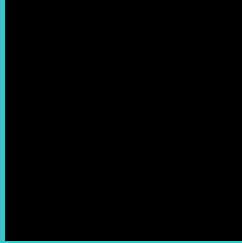
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

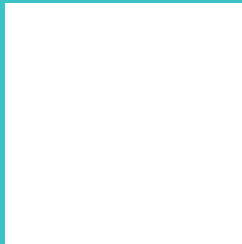
Any Text WCAG AAA ✓ Pass

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

Hex 3BC3C8 Background



This preview shows how black text looks on a background with the Hex color 3BC3C8.

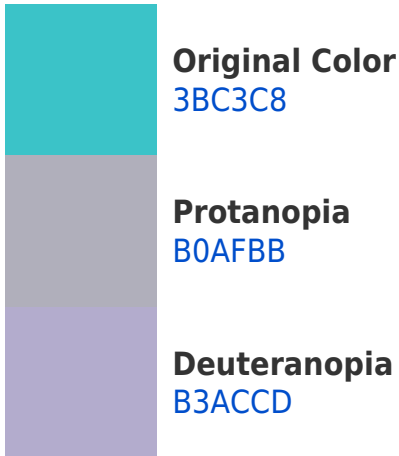


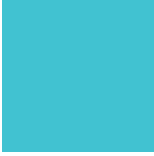
This preview shows how white text looks on a background with the Hex color 3BC3C8.

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
41C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC3C8 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 #3BC3C8 looks like.

```
.text, #text, p{  
    color:#3BC3C8  
}
```

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 #3BC3C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC3C8
}
```

Border

The CSS property to change the border of an element to Hex 3BC3C8 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
#3BC3C8 }
```

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

```
.border{ border-color:#3BC3C8 }
```

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

Here you see how a box with a 4 pixel #3BC3C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC3C8; -webkit-box-shadow:4px 4px  
4px 4px #3BC3C8; box-shadow:4px 4px 4px  
4px #3BC3C8 }
```

Background

The CSS property to change the background color of an element to Hex 3BC3C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC3C8 }
```

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

```
.background{ background-color:#3BC3C8 }
```

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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