

Converting Colors

Hex(3BC2C9)

Have a look what the booklet for
Hex(3BC2C9) contains.

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Color

Hex(3BC2C9)

Conversions

Conversions Part 1

Format	Color
Hex	3BC2C9
RGB	59, 194, 201
RGB Percent	23%, 76%, 79%
CMY	0.7686, 0.2392, 0.2118
CMYK	0.71, 0.03, 0.00, 0.21
HSL	183°, 57%, 51%
HSV	183°, 71%, 79%
XYZ	31.6380, 43.7304, 62.0317
YIQ	154.4330, -82.7070, -26.4430

Conversions

Conversions Part 2

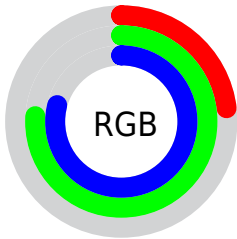
Format	Color
RYB	59, 128, 201
Decimal	3916489
CIELab	72.05, -33.00, -13.99
CIELCh	72, 35.842, 202.978
Yxy	43.7304, 0.2303, 0.3183
Android (android.graphics.Color)	4282106569 (0xFF3BC2C9)
YUV	154.4330, 22.9575, -83.6947
Hunter-Lab	66.1290, -30.3261, -9.3261

Details

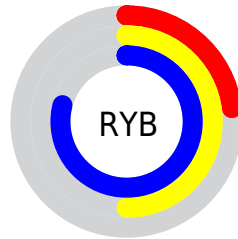
The Hex color **3BC2C9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **C9423B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **7EFBFF**, and **008C93** is the 20% darker color. If you saturate the color by 10%, you get **27C1C9**, and if you desaturate by 10%, it is **4FC3C9**.

Distribution



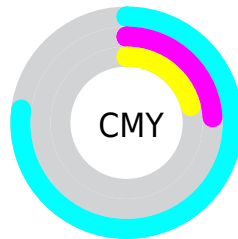
- Red (23%)
- Green (76%)
- Blue (79%)



- Red (23%)
- Yellow (50%)
- Blue (79%)



- Cyan (71%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (77%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC2C9 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 3BC2C9 by changing the saturation by 10% instead.

 3BC2C9

 3BC2C9

FFFFFF

 00A7AE

 7EFBFF

 008C93

 9DFFFF

 007279

 BBFFFF

 005961

 DAFFFF

 004149

 F8FFFF

 002A32

 000F1E

 000001

 000000

 3BC2C9

 3BC2C9

 27C1C9

 4FC3C9

 13C0C9

 63C4C9

 00BFC9

 77C5C9

 8BC6C9

 A0C7C9

 B4C8C9

 C8C9C9

 DCCAC9

 F0CBC9

Harmonies

Analogous

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



5EC2A7



3BC2C9



45BEE4

Triad

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



3BC2C9



D39FD8



CEAC70

Complementary

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



3BC2C9



C9423B

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.



E6A17E



3BC2C9



EB98BA

Square

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



3BC2C9



AAABED



F19999



ADB673

Rectangle

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



3BC2C9



65B9EE



F19999



D7A872

Sweetspot

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



3BC2C9



C9FCFF



3BC940



607E80



000000



808080

Same Dimension

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



3BC2C9



26F4FF



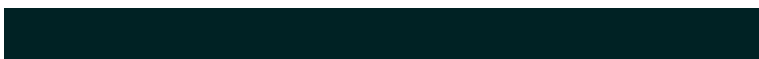
3B7DC9



5A6363



009BA3



002224

Inverse Universe

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



C93BC2



FF26F4



C9873B



635A63



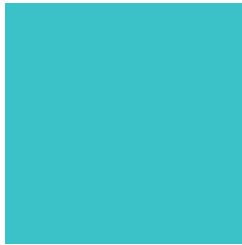
A3009B



240022

Previews

White Background



This preview shows how the Hex color 3BC2C9 looks on a white background.

Color Contrast Check

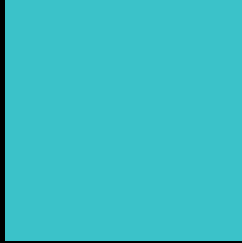
Large Text (above 18pt) WCAG AA × Fail

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 3BC2C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

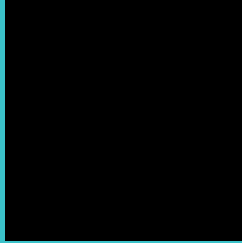
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

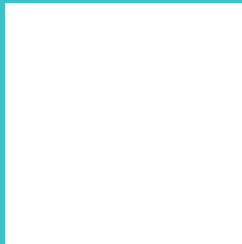
Any Text WCAG AAA ✓ Pass

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

Hex 3BC2C9 Background



This preview shows how black text looks on a background with the Hex color 3BC2C9.



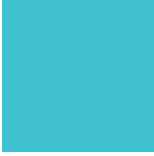
This preview shows how white text looks on a background with the Hex color 3BC2C9.

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



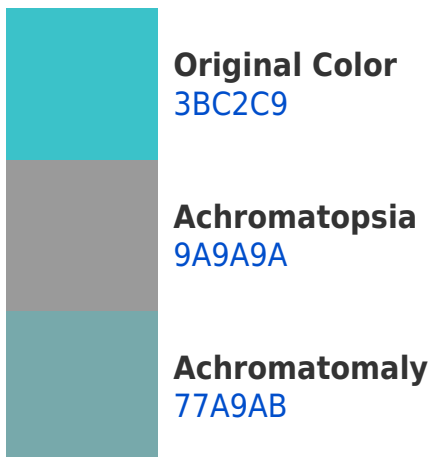


Tritanopia
40C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC2C9 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 #3BC2C9 looks like.

```
.text, #text, p{  
    color:#3BC2C9  
}
```

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 #3BC2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC2C9
}
```

Border

The CSS property to change the border of an element to Hex 3BC2C9 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
#3BC2C9 }
```

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

```
.border{ border-color:#3BC2C9 }
```

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

Here you see how a box with a 4 pixel #3BC2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC2C9; -webkit-box-shadow:4px 4px  
4px 4px #3BC2C9; box-shadow:4px 4px 4px  
4px #3BC2C9 }
```

Background

The CSS property to change the background color of an element to Hex 3BC2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC2C9 }
```

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

```
.background{ background-color:#3BC2C9 }
```

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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