

Converting Colors

Hex(3CB1C3)

Have a look what the booklet for
Hex(3CB1C3) contains.

Hex(3CB1C3)	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(3CB1C3)

Conversions

Conversions Part 1

Format	Color
Hex	3CB1C3
RGB	60, 177, 195
RGB Percent	24%, 69%, 76%
CMY	0.7647, 0.3059, 0.2353
CMYK	0.69, 0.09, 0.00, 0.24
HSL	188°, 53%, 50%
HSV	188°, 69%, 76%
XYZ	27.4359, 36.3451, 57.1990
YIQ	144.0690, -75.5100, -19.2060

Conversions

Conversions Part 2

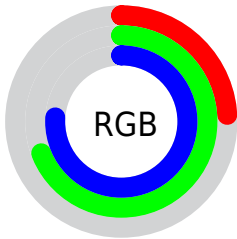
Format	Color
RYB	60, 123, 195
Decimal	3977667
CIELab	66.78, -26.38, -18.65
CIELCh	67, 32.304, 215.257
Yxy	36.3451, 0.2268, 0.3004
Android (android.graphics.Color)	4282167747 (0xFF3CB1C3)
YUV	144.0690, 25.1090, -73.7285
Hunter-Lab	60.2869, -24.2685, -14.0524

Details

The Hex color **3CB1C3** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C34E3C**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7CE9FC**, and **007C8D** is the 20% darker color. If you saturate the color by 10%, you get **29AEC3**, and if you desaturate by 10%, it is **50B4C3**.

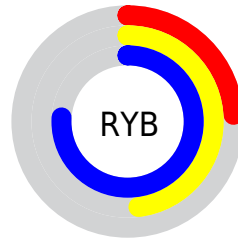
Distribution



Red (24%)

Green (69%)

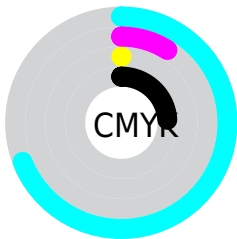
Blue (76%)



Red (24%)

Yellow (48%)

Blue (76%)

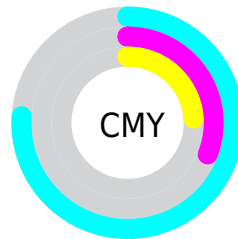


Cyan (69%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (76%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CB1C3 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 3CB1C3 by changing the saturation by 10% instead.



3CB1C3



3CB1C3

FFFFFF



0696A8



7CE9FC



007C8D



9AFFFF



006374



B8FFFF



004B5B



D6FFFF



003344



F5FFFF



00202D



000119



000000



3CB1C3



3CB1C3

■ 29AEC3

■ 50B4C3

■ 15ACC3

■ 63B6C3

■ 02A9C3

■ 77B9C3

■ 00A9C3

■ 8ABBC3

■ 9EBEC3

■ B1C1C3

■ C5C3C3

■ D8C6C3

■ ECC8C3

Harmonies

Analogous

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



4DB2A7



3CB1C3



56ACD6

Triad

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



3CB1C3



CC90BB



B1A268

Complementary

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



3CB1C3



C34E3C

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.



CB986E



3CB1C3



DB8C9E

Square

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



3CB1C3



AD99D2



DA9082



92AB72

Rectangle

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



3CB1C3



73A7DC



DA9082



BB9F68

Sweetspot

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



3CB1C3



C7F5FC



3CC34E



607B80



000000



808080

Same Dimension

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



3CB1C3



2BE1FC



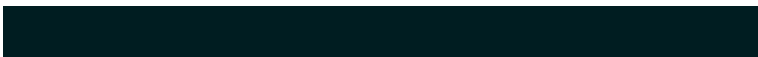
3C6EC3



576061



008BA1



001D21

Inverse Universe

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



C33CB1



FC2BE1



C3923C



615760



A1008B



21001D

Previews

White Background



This preview shows how the Hex color 3CB1C3 looks on a white background.

Color Contrast Check

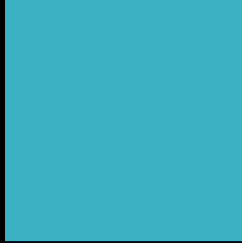
Large Text (above 18pt) WCAG AA × Fail

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 3CB1C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

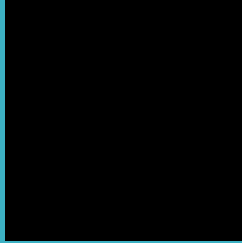
Any Text WCAG AA ✓ Pass

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 3CB1C3 Background



This preview shows how black text looks on a background with the Hex color 3CB1C3.

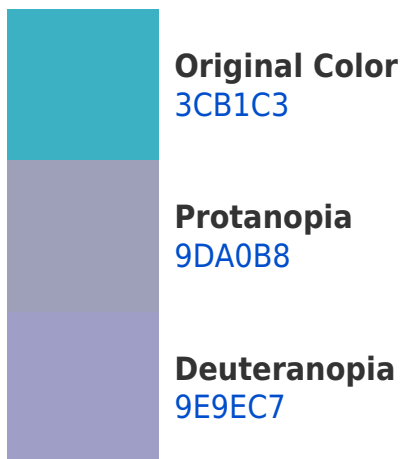


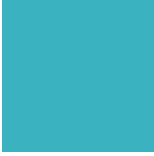
This preview shows how white text looks on a background with the Hex color 3CB1C3.

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](#).

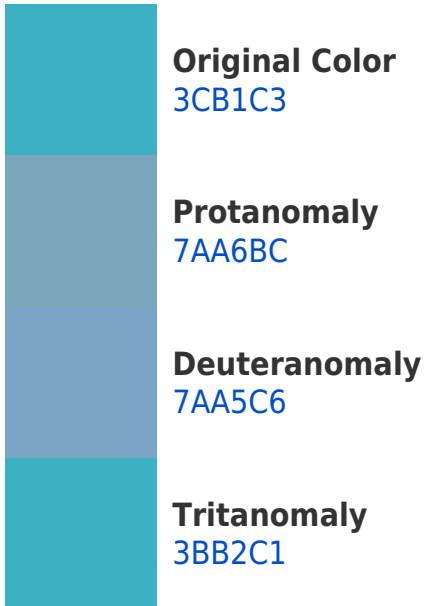
Dichromacy



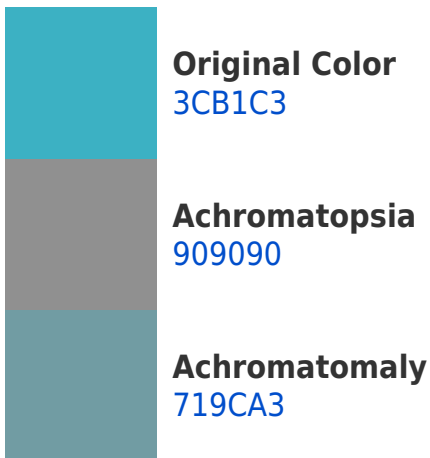


Tritanopia
3AB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CB1C3 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 #3CB1C3 looks like.

```
.text, #text, p{  
    color:#3CB1C3  
}
```

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 #3CB1C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CB1C3
}
```

Border

The CSS property to change the border of an element to Hex 3CB1C3 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
#3CB1C3 }
```

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

```
.border{ border-color:#3CB1C3 }
```

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

Here you see how a box with a 4 pixel #3CB1C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CB1C3; -webkit-box-shadow:4px 4px  
4px 4px #3CB1C3; box-shadow:4px 4px 4px  
4px #3CB1C3 }
```

Background

The CSS property to change the background color of an element to Hex 3CB1C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CB1C3 }
```

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

```
.background{ background-color:#3CB1C3 }
```

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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