

Converting Colors

Hex(3BC2DC)

Have a look what the booklet for
Hex(3BC2DC) contains.

Hex(3BC2DC)	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(3BC2DC)

Conversions

Conversions Part 1

Format	Color
Hex	3BC2DC
RGB	59, 194, 220
RGB Percent	23%, 76%, 86%
CMY	0.7686, 0.2392, 0.1373
CMYK	0.73, 0.12, 0.00, 0.14
HSL	190°, 70%, 55%
HSV	190°, 73%, 86%
XYZ	34.0137, 44.6807, 74.5417
YIQ	156.5990, -88.8060, -20.5340

Conversions

Conversions Part 2

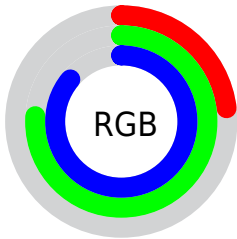
Format	Color
RYB	59, 132, 220
Decimal	3916508
CIELab	72.68, -27.26, -23.37
CIELCh	73, 35.909, 220.605
Yxy	44.6807, 0.2220, 0.2916
Android (android.graphics.Color)	4282106588 (0xFF3BC2DC)
YUV	156.5990, 31.2567, -85.5943
Hunter-Lab	66.8436, -26.1458, -19.3276

Details

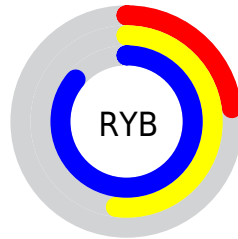
The Hex color **3BC2DC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **DC553B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **80FBFF**, and **008CA5** is the 20% darker color. If you saturate the color by 10%, you get **25BEDC**, and if you desaturate by 10%, it is **51C6DC**.

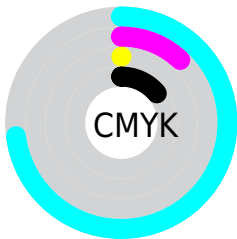
Distribution



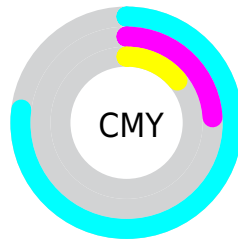
- Red (23%)
- Green (76%)
- Blue (86%)



- Red (23%)
- Yellow (52%)
- Blue (86%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (77%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC2DC 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 3BC2DC by changing the saturation by 10% instead.

 3BC2DC

 3BC2DC

FFFFFF

 00A7C0

 80FBFF

 008CA5

 9FFFFFF

 00728B

 BEFFFF

 005971

 DDFFFF

 004258

 FCFFFF

 002B41

 00132B

 000116

 000000

 3BC2DC

 3BC2DC

 25BEDC

 51C6DC

 0FBBDC

 67C9DC

 00B8DC

 7DCDDC

 93D0DC

 A9D4DC

 BFD7DC

 D5DBDC

 EBDEDC

 FFE2DC

Harmonies

Analogous

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



49C4BD



3BC2DC



62BCF0

Triad

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



3BC2DC



E59CC9



BDB471

Complementary

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



3BC2DC



DC553B

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.



DBA975



3BC2DC



F399A8

Square

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



3BC2DC



C5A6E4



EE9F89



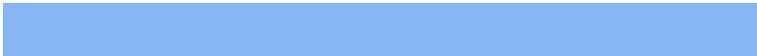
99BD7F

Rectangle

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



3BC2DC



86B5F4



EE9F89



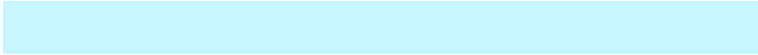
C8B170

Sweetspot

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



3BC2DC



C7F6FF



3BDC53



5E7A80



000000



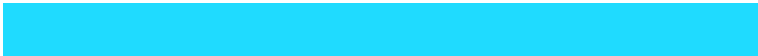
808080

Same Dimension

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



3BC2DC



1FDBFF



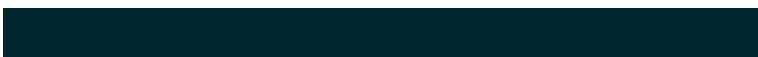
3B73DC



636C6E



0091AD



00262E

Inverse Universe

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



DC3BC2



FF1FDB



DCA43B



6E636C



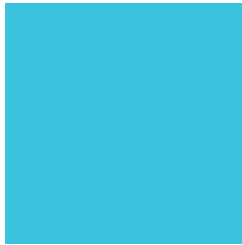
AD0091



2E0026

Previews

White Background



This preview shows how the Hex color 3BC2DC looks on a white background.

Color Contrast Check

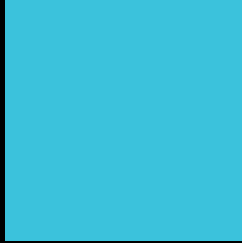
Large Text (above 18pt) WCAG AA × Fail

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 3BC2DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

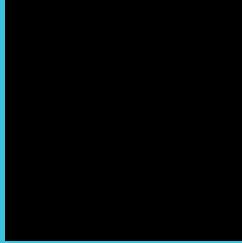
Any Text WCAG AA ✓ Pass

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 3BC2DC Background



This preview shows how black text looks on a background with the Hex color 3BC2DC.

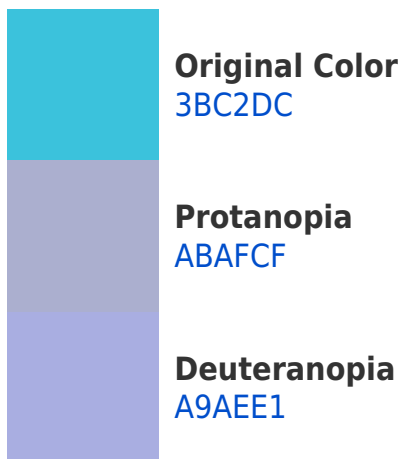


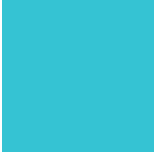
This preview shows how white text looks on a background with the Hex color 3BC2DC.

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](#).

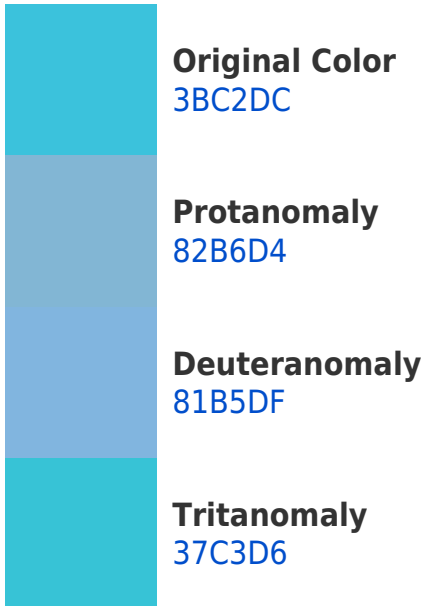
Dichromacy



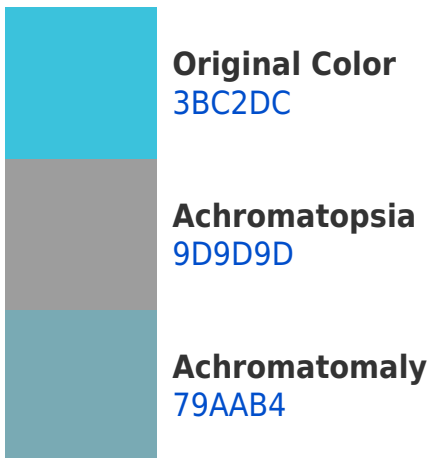


Tritanopia
35C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC2DC 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 #3BC2DC looks like.

```
.text, #text, p{  
    color:#3BC2DC  
}
```

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 #3BC2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC2DC
}
```

Border

The CSS property to change the border of an element to Hex 3BC2DC 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
#3BC2DC }
```

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

```
.border{ border-color:#3BC2DC }
```

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

Here you see how a box with a 4 pixel #3BC2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC2DC; -webkit-box-shadow:4px 4px  
4px 4px #3BC2DC; box-shadow:4px 4px 4px  
4px #3BC2DC }
```

Background

The CSS property to change the background color of an element to Hex 3BC2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC2DC }
```

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

```
.background{ background-color:#3BC2DC }
```

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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