

Converting Colors

Hex(7BC3DB)

Have a look what the booklet for
Hex(7BC3DB) contains.

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Color

Hex(7BC3DB)

Conversions

Conversions Part 1

Format	Color
Hex	7BC3DB
RGB	123, 195, 219
RGB Percent	48%, 76%, 86%
CMY	0.5176, 0.2353, 0.1412
CMYK	0.44, 0.11, 0.00, 0.14
HSL	195°, 57%, 67%
HSV	195°, 44%, 86%
XYZ	40.4697, 48.3556, 74.2184
YIQ	176.2080, -50.6160, -7.8000

Conversions

Conversions Part 2

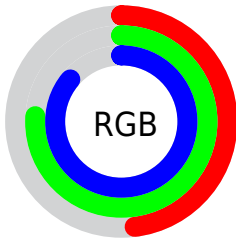
Format	Color
R _{YB}	123, 164, 219
Decimal	8111067
CIE Lab	75.05, -16.30, -19.03
CIE LCh	75, 25.057, 229.431
Yxy	48.3556, 0.2482, 0.2966
Android (android.graphics.Color)	4286301147 (0xFF7BC3DB)
YUV	176.2080, 21.0965, -46.6634
Hunter-Lab	69.5382, -17.8089, -14.6037

Details

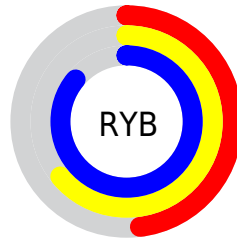
The Hex color **7BC3DB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DB937B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B4FCFF**, and **428DA4** is the 20% darker color. If you saturate the color by 10%, you get **65BEDB**, and if you desaturate by 10%, it is **91C8DB**.

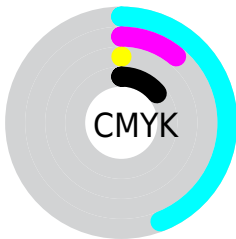
Distribution



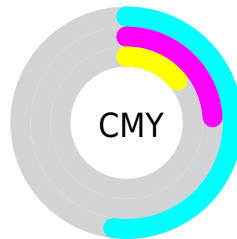
- Red (48%)
- Green (76%)
- Blue (86%)



- Red (48%)
- Yellow (64%)
- Blue (86%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (52%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC3DB 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 7BC3DB by changing the saturation by 10% instead.

 7BC3DB

 7BC3DB

FFFFFF

 5FA8BF

 B4FCFF

 428DA4

 D0FFFF

 22748A

 EEEFFF

 005B70

 004358

 002D40

 001A2A

 000115

 000000

7BC3DB

7BC3DB

65BEDB

91C8DB

4FB8DB

A7CEDB

39B3DB

BDD3DB

23ADDB

D3D9DB

0DA8DB

E9DEDB

00A4DB

FEE4DB

FFE9DB

FFEFDB

FFF4DB

Harmonies

Analogous

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



78C6C7



7BC3DB



92BDE6

Triad

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



7BC3DB



E2A9C2



BABC8D

Complementary

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



7BC3DB



DB937B

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.



D2B48C



7BC3DB



E8A9AA

Square

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



7BC3DB



CEAED7



E2AD97



A0C29A

Rectangle

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



7BC3DB



A7B8E6



E2AD97



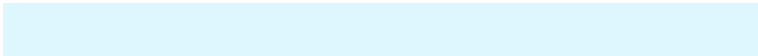
C3BA8B

Sweetspot

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



7BC3DB



DEF7FF



7BDB93



6B7A80



000000



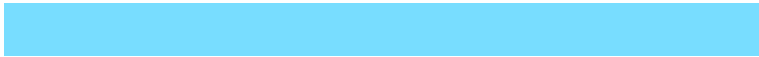
808080

Same Dimension

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



7BC3DB



78DDFF



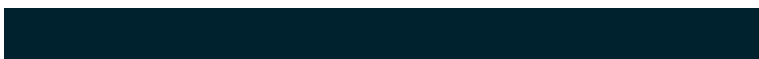
7B93DB



636B6E



0082AD



00222E

Inverse Universe

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



DB7BC3



FF78DD



DBC37B



6E636B



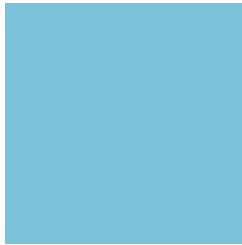
AD0082



2E0022

Previews

White Background



This preview shows how the Hex color 7BC3DB looks on a white background.

Color Contrast Check

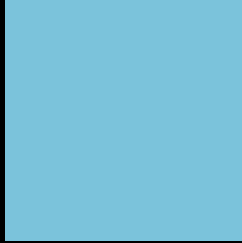
Large Text (above 18pt) WCAG AA × Fail

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 7BC3DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

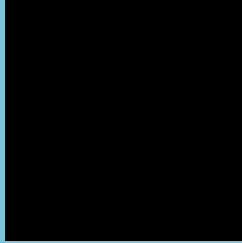
Any Text WCAG AA ✓ Pass

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 7BC3DB Background



This preview shows how black text looks on a background with the Hex color 7BC3DB.

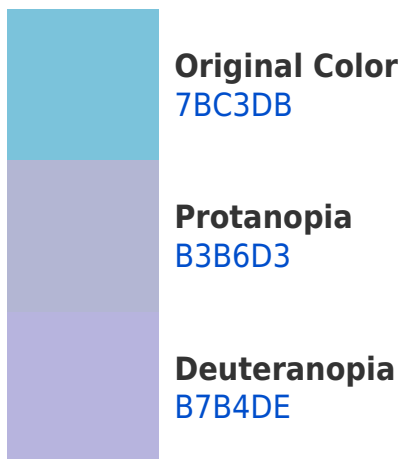


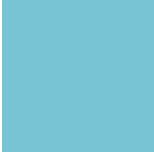
This preview shows how white text looks on a background with the Hex color 7BC3DB.

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](#).

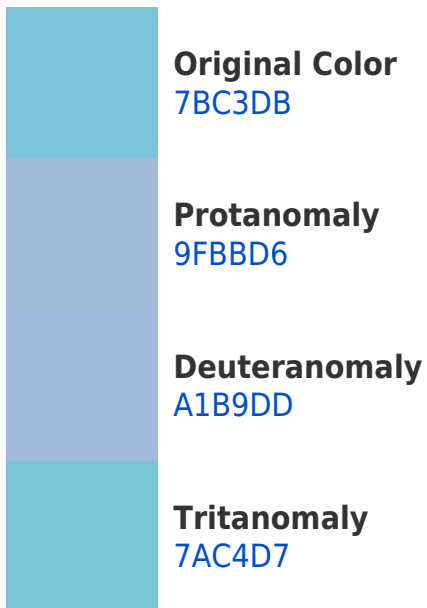
Dichromacy



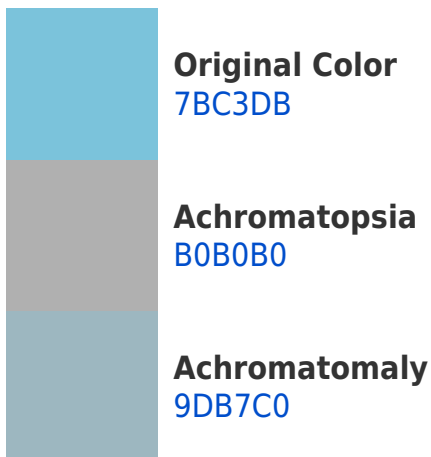


Tritanopia
79C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC3DB 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 #7BC3DB looks like.

```
.text, #text, p{  
    color:#7BC3DB  
}
```

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 #7BC3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC3DB
}
```

Border

The CSS property to change the border of an element to Hex 7BC3DB 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
#7BC3DB }
```

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

```
.border{ border-color:#7BC3DB }
```

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

Here you see how a box with a 4 pixel #7BC3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC3DB; -webkit-box-shadow:4px 4px  
4px 4px #7BC3DB; box-shadow:4px 4px 4px  
4px #7BC3DB }
```

Background

The CSS property to change the background color of an element to Hex 7BC3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC3DB }
```

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

```
.background{ background-color:#7BC3DB }
```

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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