

# Converting Colors

Hex(7BC3DA)

Have a look what the booklet for  
Hex(7BC3DA) contains.

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# **Color**

**Hex(7BC3DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC3DA
RGB	123, 195, 218
RGB Percent	48%, 76%, 85%
CMY	0.5176, 0.2353, 0.1451
CMYK	0.44, 0.11, 0.00, 0.15
HSL	195°, 56%, 67%
HSV	195°, 44%, 85%
XYZ	40.3384, 48.3031, 73.5270
YIQ	176.0940, -50.2950, -8.1110

# Conversions

## Conversions Part 2

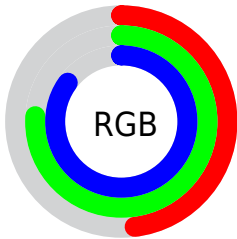
Format	Color
R <sub>YB</sub>	123, 164, 218
Decimal	8111066
CIE Lab	75.02, -16.56, -18.54
CIE LCh	75, 24.861, 228.230
Yxy	48.3031, 0.2487, 0.2979
Android (android.graphics.Color)	4286301146 (0xFF7BC3DA)
YUV	176.0940, 20.6597, -46.5634
Hunter-Lab	69.5004, -18.0236, -14.0747

# Details

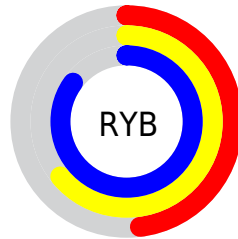
The Hex color **7BC3DA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DA927B**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B4FCFF**, and **428DA3** is the 20% darker color. If you saturate the color by 10%, you get **65BEDA**, and if you desaturate by 10%, it is **91C8DA**.

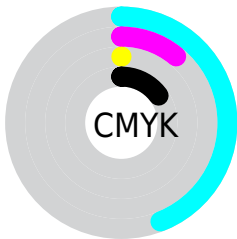
# Distribution



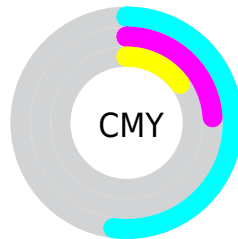
- Red (48%)
- Green (76%)
- Blue (85%)



- Red (48%)
- Yellow (64%)
- Blue (85%)



- Cyan (44%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (52%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BC3DA 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 7BC3DA by changing the saturation by 10% instead.



 7BC3DA

 7BC3DA

FFFFFF

 5FA8BE

 B4FCFF

 428DA3

 D0FFFF

 237489

 EEEFFF

 005B6F

 004357

 002D40

 001A29

 000115

 000000

 7BC3DA

 7BC3DA

 65BEDA

 91C8DA

 4FB8DA

 A7CEDA

 3AB3DA

 BCD3DA

 24AEDA

 D2D8DA

 0EA9DA

 E8DDDA

 00A5DA

 FEE3DA

 FFE8DA

 FFEDDA

 FFF3DA

# Harmonies

## Analogous

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



78C6C6



7BC3DA



91BEE5

# Triad

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



7BC3DA



E1A9C3



BBBC8D

# Complementary

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



7BC3DA



DA927B

# 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



7BC3DA



E8A9AB

# Square

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



7BC3DA



CDAED7



E2AD97



A1C29A

# Rectangle

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



7BC3DA



A6B9E6



E2AD97



C3B98B



# Sweetspot

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



7BC3DA



DEF7FF



7BDA91



6B7B80



000000



808080

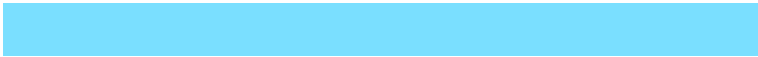


# Same Dimension

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



7BC3DA



7ADFFF



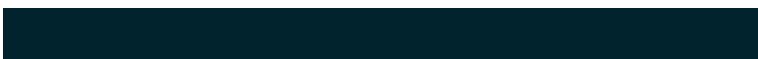
7B94DA



636B6E



0083AD



00232E



# Inverse Universe

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



DA7BC3



FF7ADF



DAC17B



6E636B



AD0083

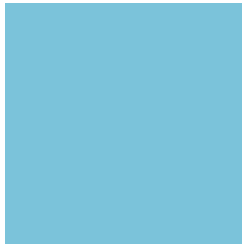


2E0023



# Previews

## White Background



This preview shows how the Hex color 7BC3DA looks on a white background.

## Color Contrast Check

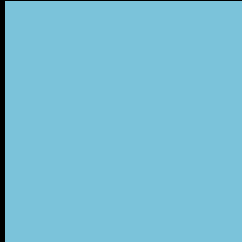
Large Text (above 18pt) WCAG AA × Fail

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 7BC3DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

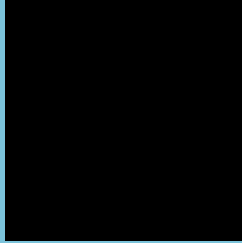
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BC3DA Background



This preview shows how black text looks on a background with the Hex color 7BC3DA.

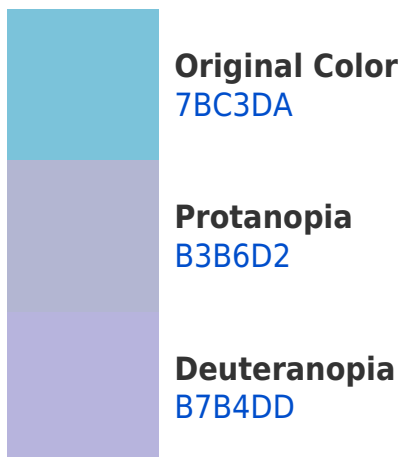


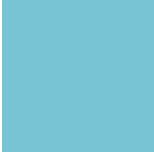
This preview shows how white text looks on a background with the Hex color 7BC3DA.

# 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](#).

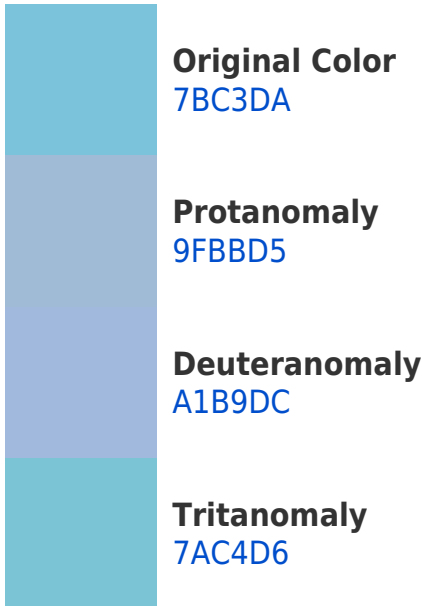
## Dichromacy



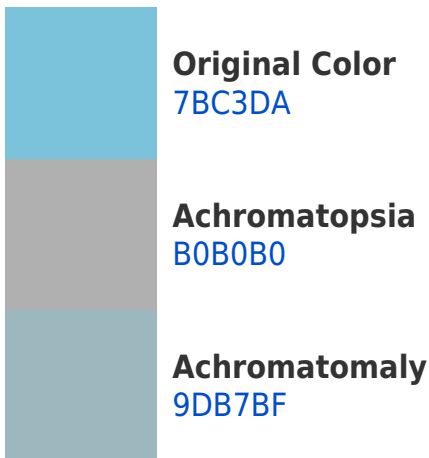


**Tritanopia**  
79C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BC3DA 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 #7BC3DA looks like.

```
.text, #text, p{  
    color:#7BC3DA  
}
```

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 #7BC3DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC3DA
}
```

## Border

The CSS property to change the border of an element to Hex 7BC3DA 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
#7BC3DA }
```

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

```
.border{ border-color:#7BC3DA }
```

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

Here you see how a box with a 4 pixel #7BC3DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC3DA; -webkit-box-shadow:4px 4px  
4px 4px #7BC3DA; box-shadow:4px 4px 4px  
4px #7BC3DA }
```

# Background

The CSS property to change the background color of an element to Hex 7BC3DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC3DA }
```

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

```
.background{ background-color:#7BC3DA }
```

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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