

# Converting Colors

Hex(7AB3BC)

Have a look what the booklet for  
Hex(7AB3BC) contains.

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# **Color**

**Hex(7AB3BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AB3BC
RGB	122, 179, 188
RGB Percent	48%, 70%, 74%
CMY	0.5216, 0.2980, 0.2627
CMYK	0.35, 0.05, 0.00, 0.26
HSL	188°, 33%, 61%
HSV	188°, 35%, 74%
XYZ	33.2232, 40.0086, 53.5483
YIQ	162.9830, -36.8610, -9.2850

# Conversions

## Conversions Part 2

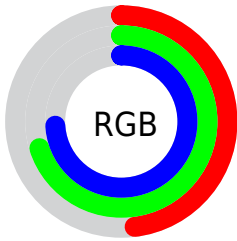
Format	Color
R <sub>YB</sub>	122, 153, 188
Decimal	8041404
CIE <sub>Lab</sub>	69.48, -16.22, -10.50
CIE <sub>LCh</sub>	69, 19.317, 212.910
Y <sub>xy</sub>	40.0086, 0.2621, 0.3156
Android (android.graphics.Color)	4286231484 (0xFF7AB3BC)
YUV	162.9830, 12.3334, -35.9421
Hunter-Lab	63.2524, -16.9347, -5.9172

# Details

The Hex color **7AB3BC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC837A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B1EBF4**, and **457E87** is the 20% darker color. If you saturate the color by 10%, you get **67B0BC**, and if you desaturate by 10%, it is **8DB6BC**.

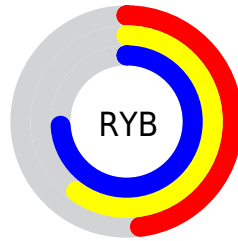
# Distribution



Red (48%)

Green (70%)

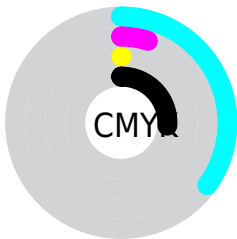
Blue (74%)



Red (48%)

Yellow (60%)

Blue (74%)

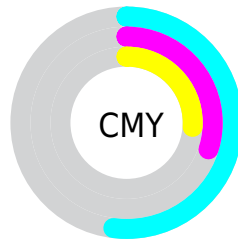


Cyan (35%)

Magenta (5%)

Yellow (0%)

Black (26%)



Cyan (52%)

Magenta (30%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB3BC 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 7AB3BC by changing the saturation by 10% instead.



 7AB3BC

 7AB3BC

FFFFFF

 5F98A1

 B1EBF4

 457E87

 CDFFFF

 2A656D

 EAFFFF

 0A4D55

 00363E

 002128

 000114

 000000

 7AB3BC

 7AB3BC

67B0BC

8DB6BC

54AEBC

A0B8BC

42ABBC

B2BBBC

2FA9BC

C5BDBC

1CA6BC

D8C0BC

09A4BC

EBC2BC

00A2BC

FEC5BC

FFC8BC

FFCABC

# Harmonies

## Analogous

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



7FB4AB



7AB3BC



83B0C8

# Triad

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



7AB3BC



C2A0BA



B5A987

# Complementary

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



7AB3BC



BC837A

# 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.



C5A38B



7AB3BC



CD9DA9

# Square

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



7AB3BC



AFA5C7



CD9F97



A2AE8C

# Rectangle

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



7AB3BC



90ADCC



CD9F97



BBA787



# Sweetspot

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



7AB3BC



DAF1F5



7ABC83



6A787A



FAFAFA



7A7A7A



# Same Dimension

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



7AB3BC



8EE7F5



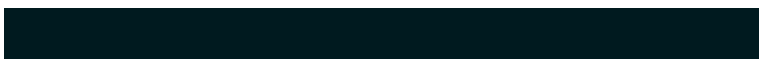
7A92BC



555D5E



00899E



001A1F



# Inverse Universe

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



BC7AB3



F58EE7



BCA47A



5E555D



9E0089

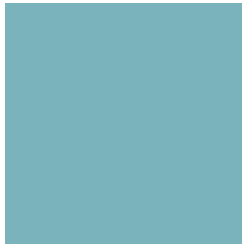


1F001A



# Previews

## White Background



This preview shows how the Hex color 7AB3BC looks on a white background.

## Color Contrast Check

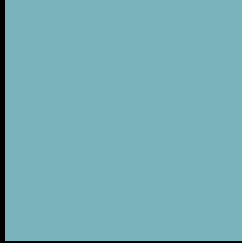
Large Text (above 18pt) WCAG AA × Fail

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 7AB3BC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

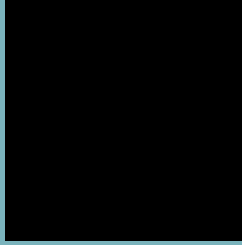
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AB3BC Background



This preview shows how black text looks on a background with the Hex color 7AB3BC.

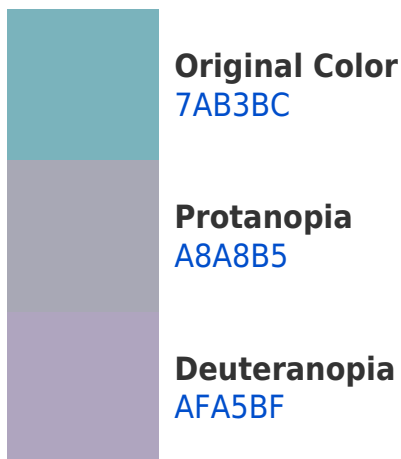


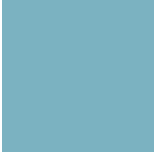
This preview shows how white text looks on a background with the Hex color 7AB3BC.

# 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](#).

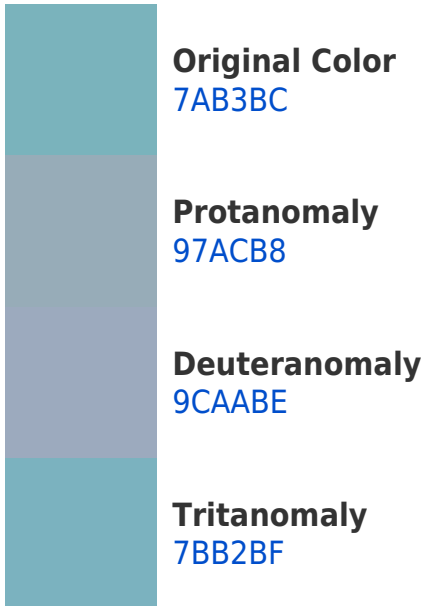
## Dichromacy



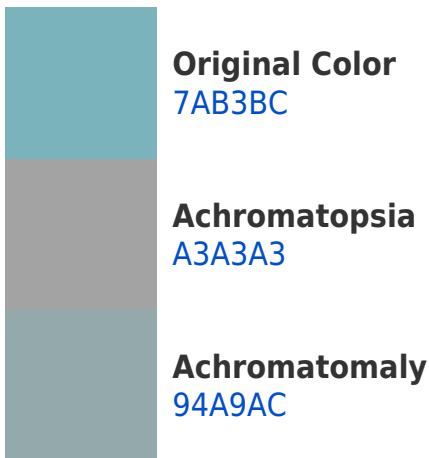


**Tritanopia**  
7BB2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB3BC 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 #7AB3BC looks like.

```
.text, #text, p{  
    color:#7AB3BC  
}
```

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 #7AB3BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB3BC
}
```

## Border

The CSS property to change the border of an element to Hex 7AB3BC 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
#7AB3BC }
```

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

```
.border{ border-color:#7AB3BC }
```

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

Here you see how a box with a 4 pixel #7AB3BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB3BC; -webkit-box-shadow:4px 4px  
4px 4px #7AB3BC; box-shadow:4px 4px 4px  
4px #7AB3BC }
```

# Background

The CSS property to change the background color of an element to Hex 7AB3BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB3BC }
```

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

```
.background{ background-color:#7AB3BC }
```

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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