

# Converting Colors

Hex(7AB8A0)

Have a look what the booklet for  
Hex(7AB8A0) contains.

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**Color**

**Hex(7AB8A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AB8A0
RGB	122, 184, 160
RGB Percent	48%, 72%, 63%
CMY	0.5216, 0.2784, 0.3725
CMYK	0.34, 0.00, 0.13, 0.28
HSL	157°, 30%, 60%
HSV	157°, 34%, 72%
XYZ	31.5117, 40.9566, 39.5023
YIQ	162.7260, -29.2480, -20.6080

# Conversions

## Conversions Part 2

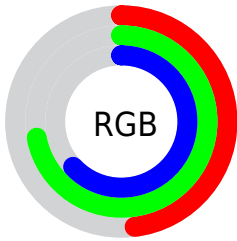
Format	Color
<a href="#">RYB</a>	<a href="#">122, 160, 184</a>
Decimal	<a href="#">8042656</a>
CIELab	<a href="#">70.15, -25.26, 5.88</a>
CIELCh	<a href="#">70, 25.936, 166.888</a>
Yxy	<a href="#">40.9566, 0.2814, 0.3658</a>
Android (android.graphics.Color)	<a href="#">4286232736 (0xFF7AB8A0)</a>
YUV	<a href="#">162.7260, -1.3439, -35.7167</a>
Hunter-Lab	<a href="#">63.9974, -24.1037, 8.2015</a>

# Details

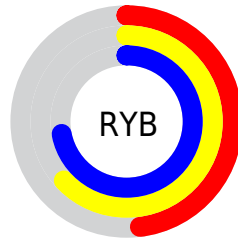
The Hex color **7AB8A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B87A92**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B0F0D7**, and **46836D** is the 20% darker color. If you saturate the color by 10%, you get **68B899**, and if you desaturate by 10%, it is **8CB8A7**.

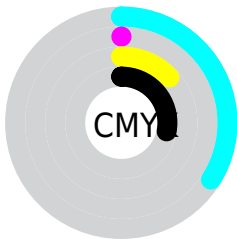
# Distribution



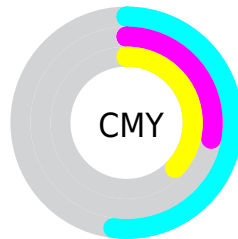
- Red (48%)
- Green (72%)
- Blue (63%)



- Red (48%)
- Yellow (63%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB8A0 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 7AB8A0 by changing the saturation by 10% instead.



 7AB8A0

 7AB8A0

FFFFFF

 609D86

 B0F0D7

 46836D

 CCFFF3

 2C6954

 E9FFFF

 10513D

 003927

 002413

 000100

 000000

 7AB8A0

 7AB8A0

 68B899

 8CB8A7

 55B892

 9FB8AE

 43B88B

 B1B8B5

 30B884

 C4B8BC

 1EB87C

 D6B8C4

 0CB875

 E8B8CB

 00B871

 FBB8D2

 FFB8D9

 FFB8E0

# Harmonies

## Analogous

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



94B48B



7AB8A0



68B9B8

# Triad

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



7AB8A0



A1A9D8



D69F8A

# Complementary

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



7AB8A0



B87A92

# 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.



DB9B9F



7AB8A0



BFA1CC

# Square

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



7AB8A0



80B1D9



D49BB7



C6A67E

# Rectangle

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



7AB8A0



66B7C7



D49BB7



D99D90



# Sweetspot

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



7AB8A0



D8F0E6



93B87A



697872



F7F7F7



787878



# Same Dimension

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



7AB8A0



90F0CB



7AB2B8



535C58



009C5F



001C11



# Inverse Universe

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



B87A92



F090B5



B8807A



5C5356



9C003C



1C000B



# Previews

## White Background



This preview shows how the Hex color 7AB8A0 looks on a white background.

## Color Contrast Check

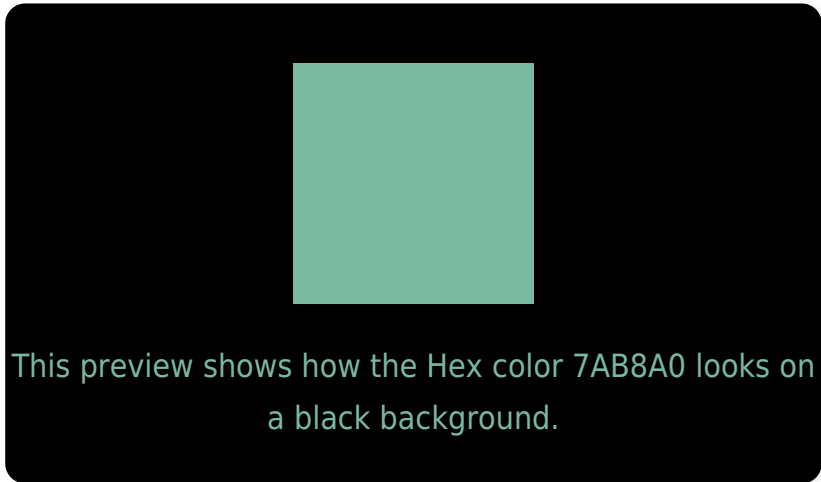
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

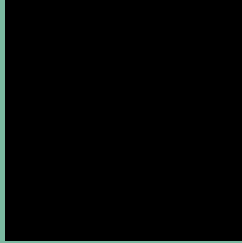
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AB8A0 Background



This preview shows how black text looks on a background with the Hex color 7AB8A0.

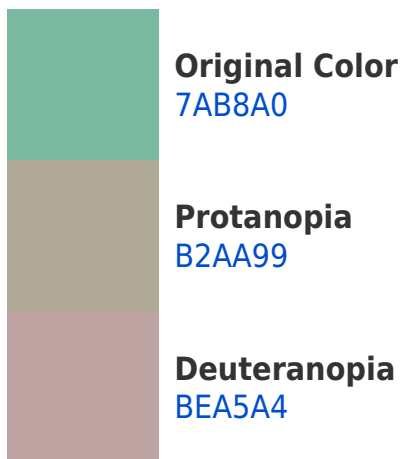


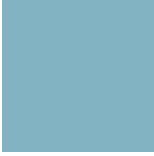
This preview shows how white text looks on a background with the Hex color 7AB8A0.

# 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](#).

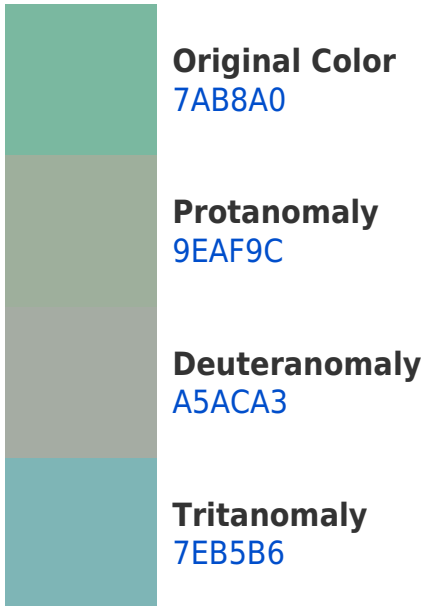
## Dichromacy



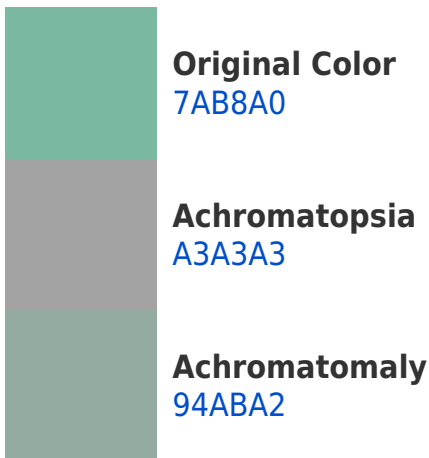


**Tritanopia**  
81B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB8A0 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 #7AB8A0 looks like.

```
.text, #text, p{  
    color:#7AB8A0  
}
```

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 #7AB8A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB8A0
}
```

## Border

The CSS property to change the border of an element to Hex 7AB8A0 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
#7AB8A0 }
```

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

```
.border{ border-color:#7AB8A0 }
```

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

Here you see how a box with a 4 pixel #7AB8A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB8A0; -webkit-box-shadow:4px 4px  
4px 4px #7AB8A0; box-shadow:4px 4px 4px  
4px #7AB8A0 }
```

# Background

The CSS property to change the background color of an element to Hex 7AB8A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB8A0 }
```

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

```
.background{ background-color:#7AB8A0 }
```

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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