

# Converting Colors

Hex(7AB6C0)

Have a look what the booklet for  
Hex(7AB6C0) contains.

<b>Hex(7AB6C0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(7AB6C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AB6C0
RGB	122, 182, 192
RGB Percent	48%, 71%, 75%
CMY	0.5216, 0.2863, 0.2471
CMYK	0.36, 0.05, 0.00, 0.25
HSL	189°, 36%, 62%
HSV	189°, 36%, 75%
XYZ	34.2684, 41.3992, 56.0539
YIQ	165.2000, -38.9700, -9.6100

# Conversions

## Conversions Part 2

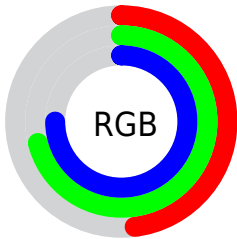
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">122, 154, 192</a>
Decimal	<a href="#">8042176</a>
CIELab	<a href="#">70.45, -16.78, -11.23</a>
CIELCh	<a href="#">70, 20.194, 213.794</a>
Yxy	<a href="#">41.3992, 0.2602, 0.3143</a>
Android (android.graphics.Color)	<a href="#">4286232256 (0xFF7AB6C0)</a>
YUV	<a href="#">165.2000, 13.2124, -37.8864</a>
Hunter-Lab	<a href="#">64.3422, -17.5306, -6.6129</a>

# Details

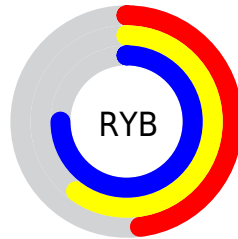
The Hex color **7AB6C0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C0847A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B1EEF8**, and **45818B** is the 20% darker color. If you saturate the color by 10%, you get **67B3C0**, and if you desaturate by 10%, it is **8DB9C0**.

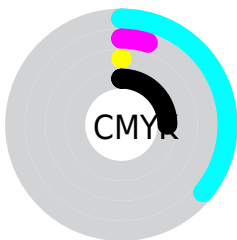
# Distribution



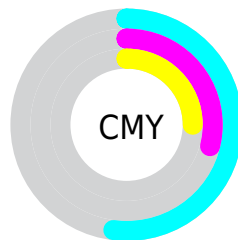
- Red (48%)
- Green (71%)
- Blue (75%)



- Red (48%)
- Yellow (60%)
- Blue (75%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (29%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AB6C0 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 7AB6C0 by changing the saturation by 10% instead.



 7AB6C0

 7AB6C0

FFFFFF

 5F9BA5

 B1EEF8

 45818B

 CDFFFF

 296871

 EAFFFF

 065059

 003841

 00232B

 000417

 000000

 7AB6C0

 7AB6C0

67B3C0

8DB9C0

54B1C0

A0BBC0

40AEC0

B4BEC0

2DABC0

C7C1C0

1AA8C0

DAC4C0

07A6C0

EDC6C0

00A5C0

FFC9C0

FFCCC0

FFCFC0

# Harmonies

## Analogous

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



7FB7AE



7AB6C0



84B3CD

# Triad

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



7AB6C0



C6A2BD



B8AC88

# Complementary

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



7AB6C0



C0847A

# 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.



C8A68C



7AB6C0



D19FAB

# Square

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



7AB6C0



B3A7CB



D2A199



A4B18E

# Rectangle

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



7AB6C0



92AFD0



D2A199



BEAA88

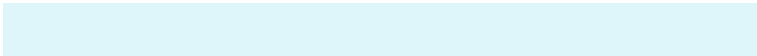


# Sweetspot

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



7AB6C0



DEF6FA



7AC083



6D7B7D



FCFCFC



7D7D7D



# Same Dimension

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



7AB6C0



8CEAFA



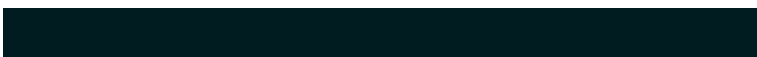
7A94C0



576061



008AA1



001C21



# Inverse Universe

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



C07AB6



FA8CEA



C0A67A



615760



A1008A

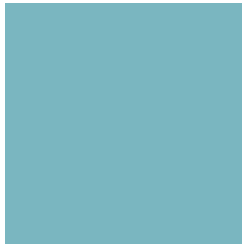


21001C



# Previews

## White Background



This preview shows how the Hex color 7AB6C0 looks on a white background.

## Color Contrast Check

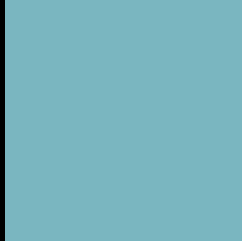
Large Text (above 18pt) WCAG AA × Fail

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 7AB6C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

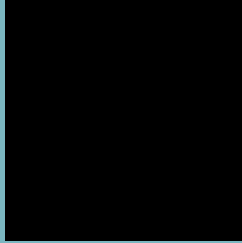
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

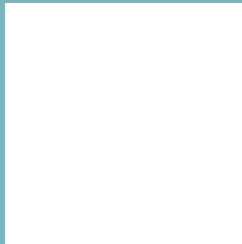
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AB6C0 Background



This preview shows how black text looks on a background with the Hex color 7AB6C0.

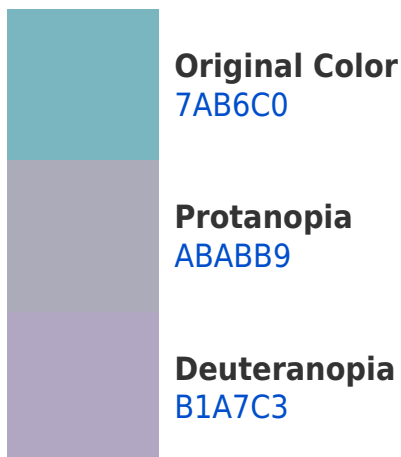


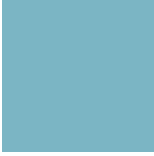
This preview shows how white text looks on a background with the Hex color 7AB6C0.

# 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](#).

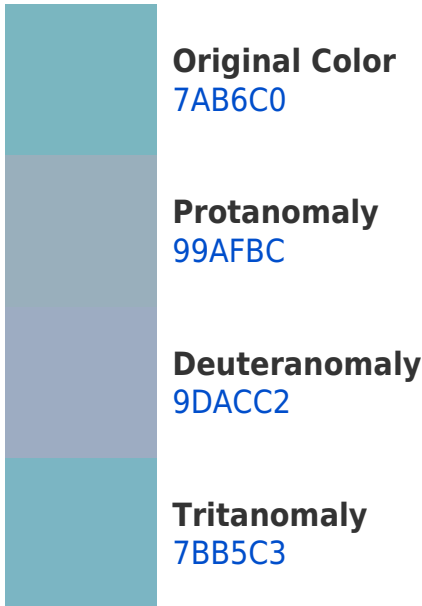
## Dichromacy



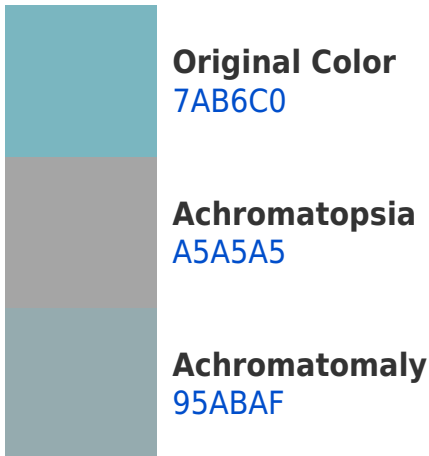


**Tritanopia**  
7BB5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AB6C0 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 #7AB6C0 looks like.

```
.text, #text, p{  
    color:#7AB6C0  
}
```

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 #7AB6C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AB6C0  
}
```

## Border

The CSS property to change the border of an element to Hex 7AB6C0 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  
#7AB6C0 }
```

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

```
.border{ border-color:#7AB6C0 }
```

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

Here you see how a box with a 4 pixel #7AB6C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AB6C0; -webkit-box-shadow:4px 4px  
4px 4px #7AB6C0; box-shadow:4px 4px 4px  
4px #7AB6C0 }
```

# Background

The CSS property to change the background color of an element to Hex 7AB6C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AB6C0 }
```

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

```
.background{ background-color:#7AB6C0 }
```

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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