

# Converting Colors

Hex(7AC7D6)

Have a look what the booklet for  
Hex(7AC7D6) contains.

<b>Hex(7AC7D6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7AC7D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AC7D6
RGB	122, 199, 214
RGB Percent	48%, 78%, 84%
CMY	0.5216, 0.2196, 0.1608
CMYK	0.43, 0.07, 0.00, 0.16
HSL	190°, 53%, 66%
HSV	190°, 43%, 84%
XYZ	40.5871, 49.8395, 71.0991
YIQ	177.6870, -50.7070, -11.6590

# Conversions

## Conversions Part 2

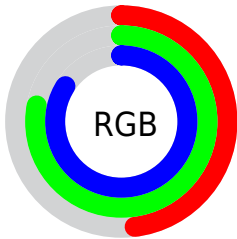
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 164, 214
Decimal	8046550
CIELab	75.97, -19.91, -14.94
CIElCh	76, 24.891, 216.894
Yxy	49.8395, 0.2513, 0.3086
Android (android.graphics.Color)	4286236630 (0xFF7AC7D6)
YUV	177.6870, 17.9023, -48.8375
Hunter-Lab	70.5971, -20.9232, -10.2937

# Details

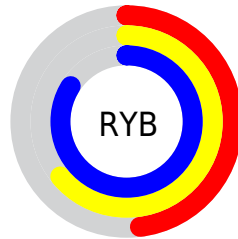
The Hex color **7AC7D6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D6897A**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B3FFFF**, and **41919F** is the 20% darker color. If you saturate the color by 10%, you get **65C4D6**, and if you desaturate by 10%, it is **8FCAD6**.

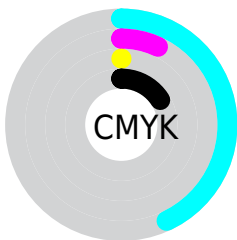
# Distribution



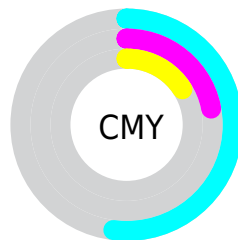
- Red (48%)
- Green (78%)
- Blue (84%)



- Red (48%)
- Yellow (64%)
- Blue (84%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (22%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AC7D6 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 7AC7D6 by changing the saturation by 10% instead.



 7AC7D6

 7AC7D6

FFFFFF

 5EACBA

 B3FFFF

 41919F

 CFFFFFF

 217785

 EDFFFF

 005E6C

 004654

 00303C

 001C27

 000112

 000000

 7AC7D6

 7AC7D6

 65C4D6

 8FCAD6

 4FC0D6

 A5CED6

 3ABDD6

 BAD1D6

 24B9D6

 D0D5D6

 0FB6D6

 E5D8D6

 00B3D6

 FADCD6

 FFDFD6

 FFE3D6

 FFE6D6

# Harmonies

## Analogous

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



7FC8C0



7AC7D6



8AC3E5

# Triad

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



7AC7D6



DEADCE



C7BB8E

# Complementary

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



7AC7D6



D6897A

# 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.



DCB492



7AC7D6



E9ABB7

# Square

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



7AC7D6



C6B4E0



E9ADA1



AEC296

# Rectangle

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



7AC7D6



9CBEE9



E9ADA1



CFB98E



# Sweetspot

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



7AC7D6



DEFAFF



7AD688



6B7C80



000000



808080

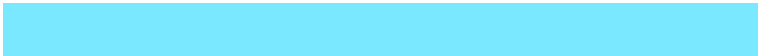


# Same Dimension

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



7AC7D6



7AE9FF



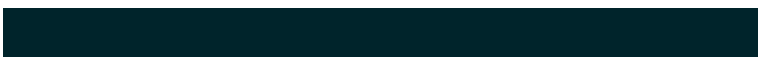
7A9AD6



60696B



008FAB



00242B



# Inverse Universe

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



D67AC7



FF7AE9



D6B67A



6B6069



AB008F

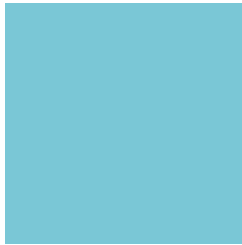


2B0024



# Previews

## White Background



This preview shows how the Hex color 7AC7D6 looks on a white background.

## Color Contrast Check

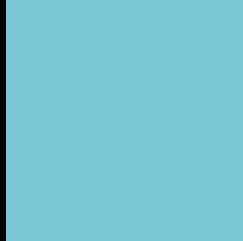
Large Text (above 18pt) WCAG AA × Fail

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 7AC7D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

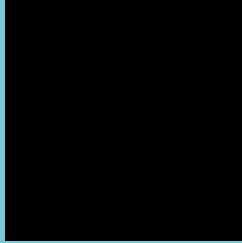
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7AC7D6 Background



This preview shows how black text looks on a background with the Hex color 7AC7D6.

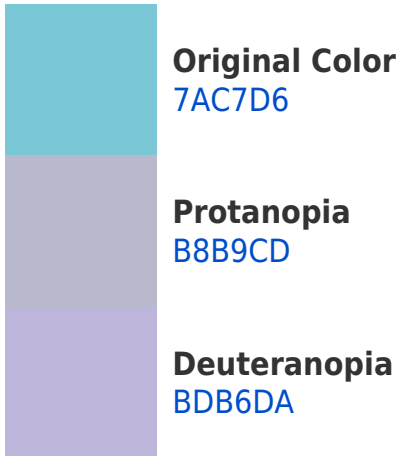


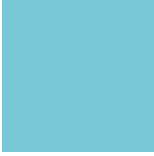
This preview shows how white text looks on a background with the Hex color 7AC7D6.

# 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](#).

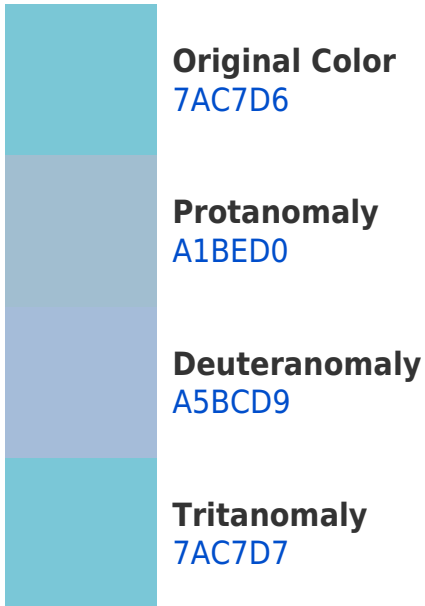
## Dichromacy



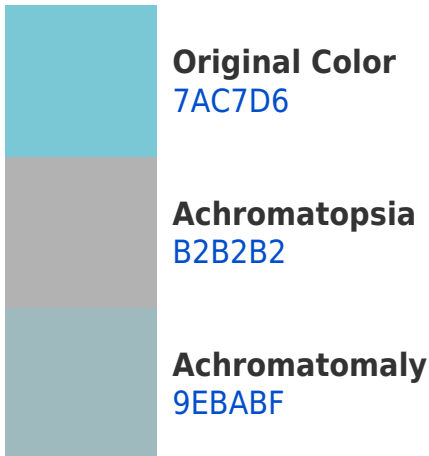


**Tritanopia**  
7AC7D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AC7D6 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 #7AC7D6 looks like.

```
.text, #text, p{  
    color:#7AC7D6  
}
```

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 #7AC7D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AC7D6
}
```

## Border

The CSS property to change the border of an element to Hex 7AC7D6 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
#7AC7D6 }
```

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

```
.border{ border-color:#7AC7D6 }
```

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

Here you see how a box with a 4 pixel #7AC7D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AC7D6; -webkit-box-shadow:4px 4px  
4px 4px #7AC7D6; box-shadow:4px 4px 4px  
4px #7AC7D6 }
```

# Background

The CSS property to change the background color of an element to Hex 7AC7D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AC7D6 }
```

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

```
.background{ background-color:#7AC7D6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor