

# Converting Colors

Hex(7AD9CB)

Have a look what the booklet for  
Hex(7AD9CB) contains.

<b>Hex(7AD9CB)</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(7AD9CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AD9CB
RGB	122, 217, 203
RGB Percent	48%, 85%, 80%
CMY	0.5216, 0.1490, 0.2039
CMYK	0.44, 0.00, 0.06, 0.15
HSL	171°, 56%, 66%
HSV	171°, 44%, 85%
XYZ	43.6184, 58.0751, 65.4106
YIQ	186.9990, -52.1260, -24.4940

# Conversions

## Conversions Part 2

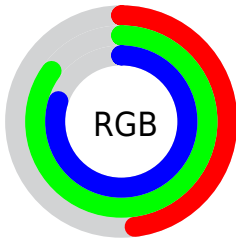
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 173, 217
Decimal	8051147
CIELab	80.78, -31.49, -1.89
CIELCh	81, 31.546, 183.440
Yxy	58.0751, 0.2610, 0.3475
Android (android.graphics.Color)	4286241227 (0xFF7AD9CB)
YUV	186.9990, 7.8885, -57.0041
Hunter-Lab	76.2070, -31.1947, 2.4546

# Details

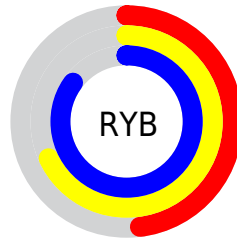
The Hex color **7AD9CB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D97A88**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **B3FFFF**, and **40A295** is the 20% darker color. If you saturate the color by 10%, you get **64D9C8**, and if you desaturate by 10%, it is **90D9CE**.

# Distribution



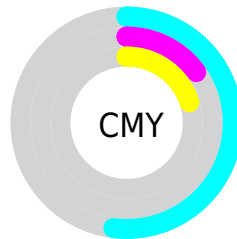
- Red (48%)
- Green (85%)
- Blue (80%)



- Red (48%)
- Yellow (68%)
- Blue (85%)



- Cyan (44%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (52%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7AD9CB 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 7AD9CB by changing the saturation by 10% instead.



 7AD9CB

 7AD9CB

FFFFFF

 5EBDB0

 B3FFFF

 40A295

 D0FFFF

 1E877B

 EEEFFF

 006D62

 00554B

 003D34

 00271F

 000607

 000000

 7AD9CB

 7AD9CB

 64D9C8

 90D9CE

 4FD9C5

 A5D9D1

 39D9C1

 BBD9D5

 23D9BE

 D1D9D8

 0ED9BB

 E7D9DB

 00D9B9

 FCD9DE

 FFD9E1

 FFD9E5

 FFD9E8

# Harmonies

## Analogous

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



98D7AD



7AD9CB



6DD8E8

# Triad

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



7AD9CB



D1C0FA



F4BE95

# Complementary

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



7AD9CB



D97A88

# 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.



FFB6A9



7AD9CB



F1B7E3

# Square

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



7AD9CB



A8CAFF



FFB3C6



DAC88E

# Rectangle

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



7AD9CB



77D5F7



FFB3C6



FABB9A



# Sweetspot

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



7AD9CB



DEFFFA



88D97A



6B807C



000000



808080



# Same Dimension

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



7AD9CB



78FFEB



7AB8D9



636E6C



00AD94



002E27



# Inverse Universe

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



D97A88



FF788C



D99B7A



6E6364



AD001A

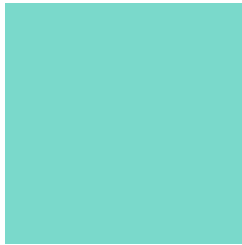


2E0007



# Previews

## White Background



This preview shows how the Hex color 7AD9CB looks on a white background.

## Color Contrast Check

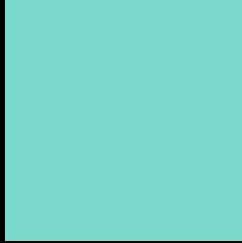
Large Text (above 18pt) WCAG AA × Fail

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 7AD9CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

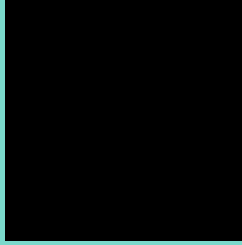
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

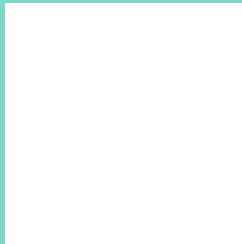
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7AD9CB Background



This preview shows how black text looks on a background with the Hex color 7AD9CB.

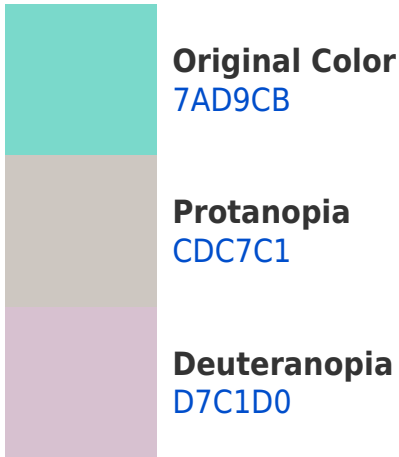


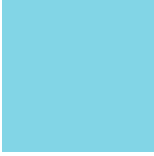
This preview shows how white text looks on a background with the Hex color 7AD9CB.

# 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](#).

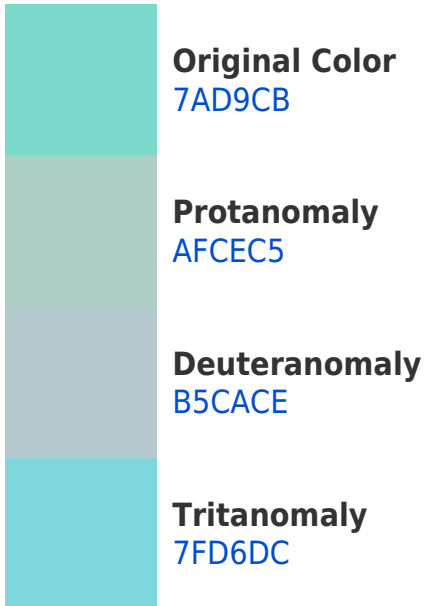
## Dichromacy



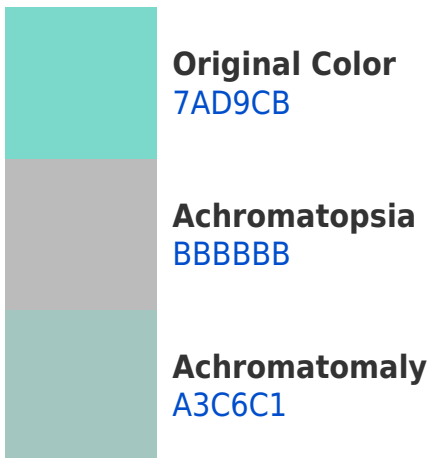


**Tritanopia**  
82D5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7AD9CB 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 #7AD9CB looks like.

```
.text, #text, p{  
    color:#7AD9CB  
}
```

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 #7AD9CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD9CB  
}
```

## Border

The CSS property to change the border of an element to Hex 7AD9CB 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  
#7AD9CB }
```

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

```
.border{ border-color:#7AD9CB }
```

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

Here you see how a box with a 4 pixel #7AD9CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD9CB; -webkit-box-shadow:4px 4px  
4px 4px #7AD9CB; box-shadow:4px 4px 4px  
4px #7AD9CB }
```

# Background

The CSS property to change the background color of an element to Hex 7AD9CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD9CB }
```

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

```
.background{ background-color:#7AD9CB }
```

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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