

# Converting Colors

Hex(9AD7D7)

Have a look what the booklet for  
Hex(9AD7D7) contains.

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# **Color**

**Hex(9AD7D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9AD7D7
RGB	154, 215, 215
RGB Percent	60%, 84%, 84%
CMY	0.3961, 0.1569, 0.1569
CMYK	0.28, 0.00, 0.00, 0.16
HSL	180°, 43%, 72%
HSV	180°, 28%, 84%
XYZ	49.8926, 60.3772, 73.3143
YIQ	196.7610, -36.3560, -12.9320

# Conversions

## Conversions Part 2

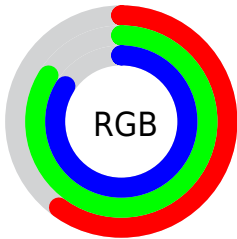
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 185, 215
Decimal	10147799
CIELab	82.04, -19.26, -6.26
CIELCh	82, 20.251, 197.998
Yxy	60.3772, 0.2718, 0.3289
Android (android.graphics.Color)	4288337879 (0xFF9AD7D7)
YUV	196.7610, 8.9918, -37.5014
Hunter-Lab	77.7028, -21.3658, -1.5495

# Details

The Hex color **9AD7D7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D79A9A**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D2FFFF**, and **64A0A0** is the 20% darker color. If you saturate the color by 10%, you get **85D7D7**, and if you desaturate by 10%, it is **B0D7D7**.

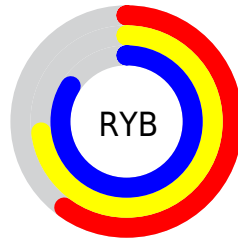
# Distribution



Red (60%)

Green (84%)

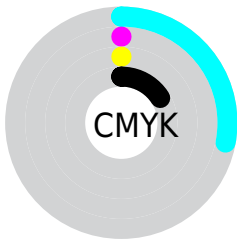
Blue (84%)



Red (60%)

Yellow (73%)

Blue (84%)

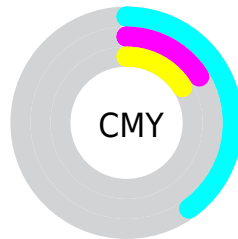


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9AD7D7 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 9AD7D7 by changing the saturation by 10% instead.



 9AD7D7

 9AD7D7

FFFFFF

 7FB BBB

 D2FFFF

 64A0A0

 EFFFFFF

 4A8686

 306C6D

 125455

 003D3E

 002628

 000E14

 000000

 9AD7D7

 9AD7D7

 85D7D7

 B0D7D7

 6FD7D7

 C5D7D7

 5AD7D7

 DBD7D7

 44D7D7

 F0D7D7

 2ED7D7

 FFD7D7

 19D7D7

 04D7D7

 00D7D7

# Harmonies

## Analogous

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



A5D7C3



9AD7D7



9DD5E8

# Triad

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



9AD7D7



DDC4E6



E2C8A7

# Complementary

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



9AD7D7



D79A9A

# 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.



F0C2B1



9AD7D7



EEBFD4

# Square

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



9AD7D7



C6CAF0



F4BFC1



CFCEA8

# Rectangle

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



9AD7D7



A6D2EF



F4BFC1



E8C6A9



# Sweetspot

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



9AD7D7



E8FFFF



9AD79A



718080



000000



808080



# Same Dimension

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



9AD7D7



A8FFFF



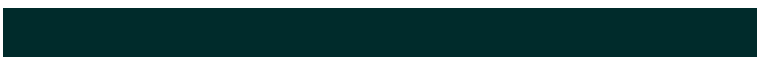
9AB9D7



606B6B



00ABAB



002B2B



# Inverse Universe

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



D79AD7



FFA8FF



D7B99A



6B606B



AB00AB

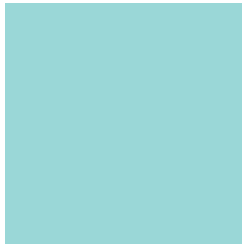


2B002B



# Previews

## White Background



This preview shows how the Hex color 9AD7D7 looks on a white background.

## Color Contrast Check

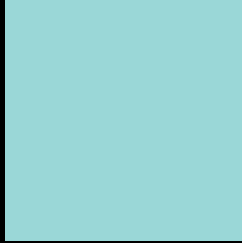
Large Text (above 18pt) WCAG AA × Fail

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 9AD7D7 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 9AD7D7 Background



This preview shows how black text looks on a background with the Hex color 9AD7D7.

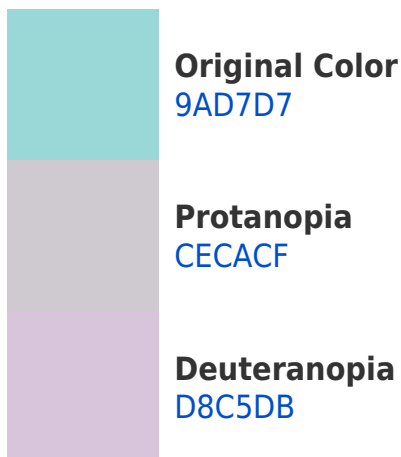


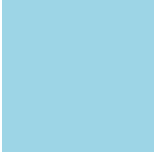
This preview shows how white text looks on a background with the Hex color 9AD7D7.

# 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](#).

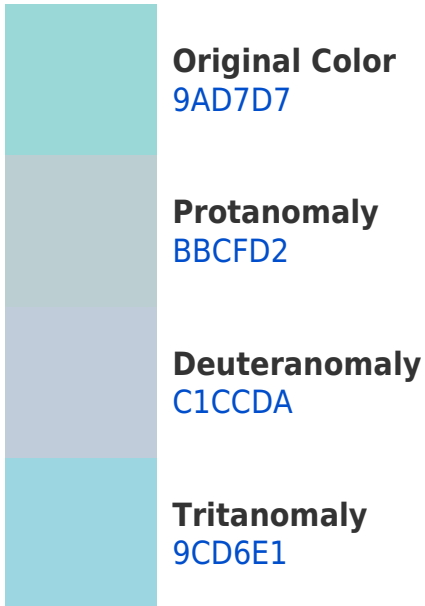
## Dichromacy



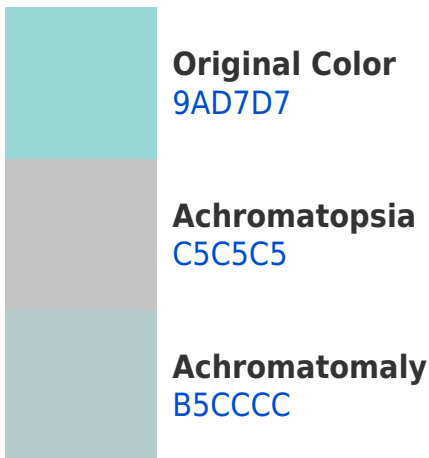


**Tritanopia**  
9DD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9AD7D7 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 #9AD7D7 looks like.

```
.text, #text, p{  
    color:#9AD7D7  
}
```

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 #9AD7D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD7D7  
}
```

## Border

The CSS property to change the border of an element to Hex 9AD7D7 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  
#9AD7D7 }
```

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

```
.border{ border-color:#9AD7D7 }
```

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

Here you see how a box with a 4 pixel #9AD7D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD7D7; -webkit-box-shadow:4px 4px  
4px 4px #9AD7D7; box-shadow:4px 4px 4px  
4px #9AD7D7 }
```

# Background

The CSS property to change the background color of an element to Hex 9AD7D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD7D7 }
```

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

```
.background{ background-color:#9AD7D7 }
```

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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