

# Converting Colors

Hex(97DABB)

Have a look what the booklet for  
Hex(97DABB) contains.

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**Color**

**Hex(97DABB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97DABB
RGB	151, 218, 187
RGB Percent	59%, 85%, 73%
CMY	0.4078, 0.1451, 0.2667
CMYK	0.31, 0.00, 0.14, 0.15
HSL	152°, 48%, 72%
HSV	152°, 31%, 85%
XYZ	46.8035, 60.3100, 56.1879
YIQ	194.4330, -29.9810, -23.8450

# Conversions

## Conversions Part 2

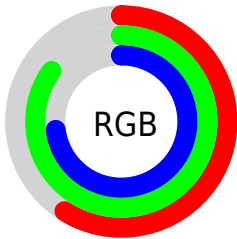
Format	Color
<a href="#">RYB</a>	<a href="#">151, 195, 218</a>
Decimal	<a href="#">9951931</a>
CIELab	<a href="#">82.01, -27.61, 8.56</a>
CIElCh	<a href="#">82, 28.901, 162.778</a>
Yxy	<a href="#">60.3100, 0.2866, 0.3693</a>
Android (android.graphics.Color)	<a href="#">4288142011 (0xFF97DABB)</a>
YUV	<a href="#">194.4330, -3.6645, -38.0907</a>
Hunter-Lab	<a href="#">77.6595, -28.3264, 11.4644</a>

# Details

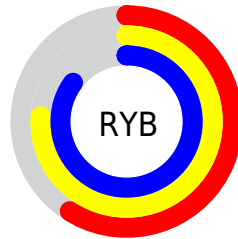
The Hex color **97DABB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DA97B6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CFFF3**, and **62A386** is the 20% darker color. If you saturate the color by 10%, you get **81DAB1**, and if you desaturate by 10%, it is **ADDAC5**.

# Distribution



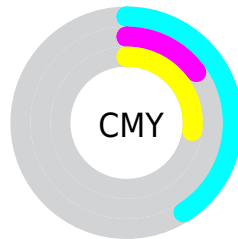
- Red (59%)
- Green (85%)
- Blue (73%)



- Red (59%)
- Yellow (76%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97DABB 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 97DABB by changing the saturation by 10% instead.



 97DABB

FFFFFF

 CFFFF3

 EBFFFF

 97DABB

 7CBEA0

 62A386

 48886D

 2E6F54

 10563D

 003E27

 002813

 000D00

 000000

 97DABB

 97DABB

 81DAB1

 ADDAC5

 6BDAA7

 C3DACF

 56DA9D

 D8DAD9

 40DA93

 EEDAE3

 2ADA89

 FFDAED

 14DA7E

 FFDAF8

 00DA75

 FFDAFF

# Harmonies

## Analogous

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



B5D5A4



97DABB



80DBD7

# Triad

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



97DABB



BBCAFF



FFBDA8

# Complementary

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



97DABB



DA97B6

# 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.



FFB8C1



97DABB



DFC1F4

# Square

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



97DABB



96D3FF



F8BADD



EEC599

# Rectangle

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



97DABB



7CDAE8



F8BADD



FFBBB0

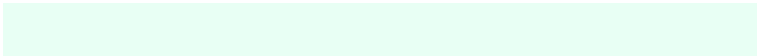


# Sweetspot

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



97DABB



E8FFF4



B6DA97



718079



000000



808080



# Same Dimension

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



97DABB



A1FFD3



97D8DA



636E69



00AD5D



002E19



# Inverse Universe

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



DA97B6



FFA1CC



DA9997



6E6368



AD0050

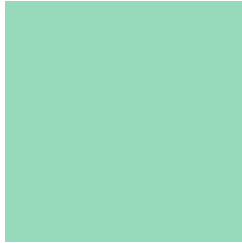


2E0015



# Previews

## White Background



This preview shows how the Hex color 97DABB looks on a white background.

## Color Contrast Check

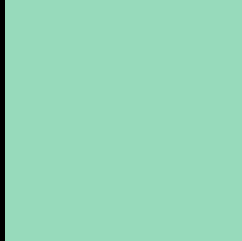
Large Text (above 18pt) WCAG AA × Fail

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 97DABB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

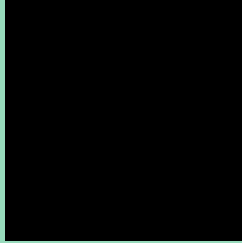
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

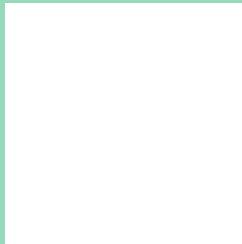
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97DABB Background



This preview shows how black text looks on a background with the Hex color 97DABB.

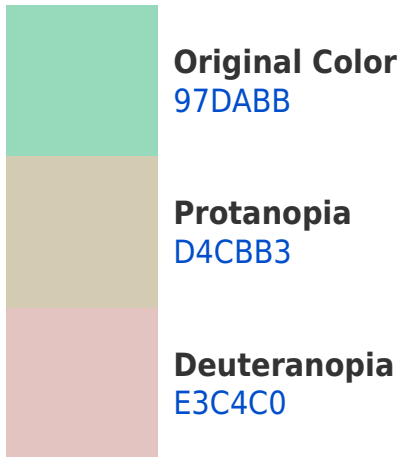


This preview shows how white text looks on a background with the Hex color 97DABB.

# 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](#).

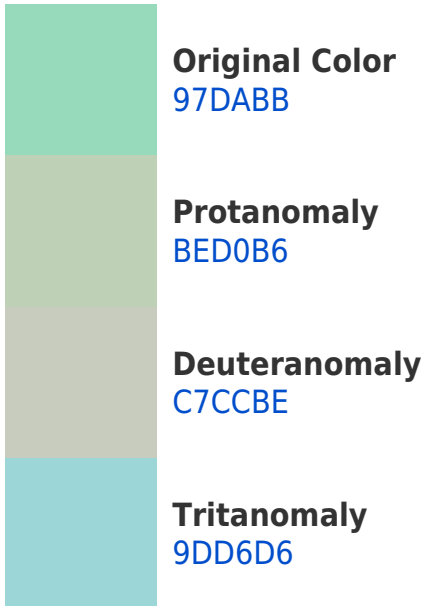
## Dichromacy



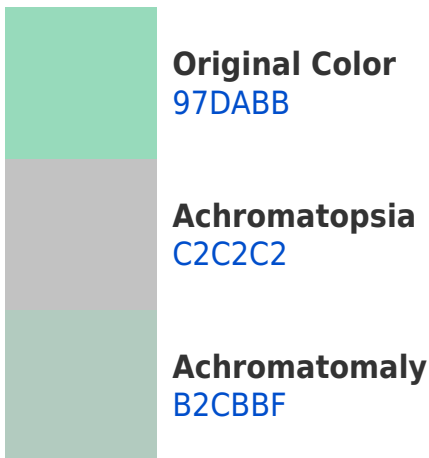


**Tritanopia**  
A0D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97DABB 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 #97DABB looks like.

```
.text, #text, p{  
    color:#97DABB  
}
```

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 #97DABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97DABB
}
```

## Border

The CSS property to change the border of an element to Hex 97DABB 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
#97DABB }
```

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

```
.border{ border-color:#97DABB }
```

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

Here you see how a box with a 4 pixel #97DABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97DABB; -webkit-box-shadow:4px 4px  
4px 4px #97DABB; box-shadow:4px 4px 4px  
4px #97DABB }
```

# Background

The CSS property to change the background color of an element to Hex 97DABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97DABB }
```

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

```
.background{ background-color:#97DABB }
```

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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