

# Converting Colors

Hex(97D0B7)

Have a look what the booklet for  
Hex(97D0B7) contains.

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# **Color**

**Hex(97D0B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97D0B7
RGB	151, 208, 183
RGB Percent	59%, 82%, 72%
CMY	0.4078, 0.1843, 0.2824
CMYK	0.27, 0.00, 0.12, 0.18
HSL	154°, 38%, 70%
HSV	154°, 27%, 82%
XYZ	43.8656, 55.1100, 53.1251
YIQ	188.1070, -25.9470, -19.8590

# Conversions

## Conversions Part 2

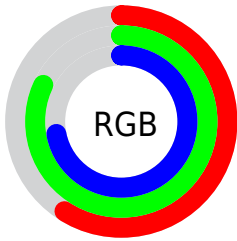
Format	Color
<a href="#">RYB</a>	<a href="#">151, 188, 208</a>
Decimal	<a href="#">9949367</a>
CIELab	<a href="#">79.10, -23.54, 6.52</a>
CIELCh	<a href="#">79, 24.425, 164.510</a>
Yxy	<a href="#">55.1100, 0.2884, 0.3623</a>
Android (android.graphics.Color)	<a href="#">4288139447 (0xFF97D0B7)</a>
YUV	<a href="#">188.1070, -2.5178, -32.5428</a>
Hunter-Lab	<a href="#">74.2361, -24.4387, 9.5360</a>

# Details

The Hex color **97D0B7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D097B0**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CEFFEF**, and **629982** is the 20% darker color. If you saturate the color by 10%, you get **82D0AE**, and if you desaturate by 10%, it is **ACD0C0**.

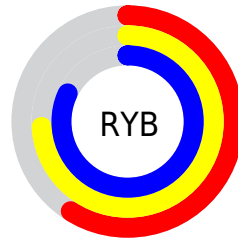
# Distribution



Red (59%)

Green (82%)

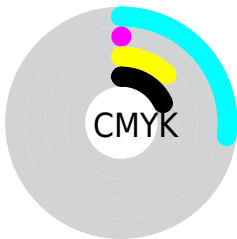
Blue (72%)



Red (59%)

Yellow (74%)

Blue (82%)

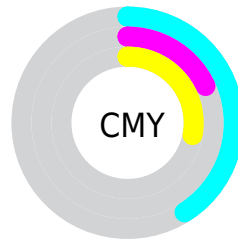


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97D0B7 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 97D0B7 by changing the saturation by 10% instead.



 97D0B7

 97D0B7

FFFFFF

 7CB49C

 CEFFEF

 629982

 EBFFFF

 497F69

 306651

 164E3A

 003624

 00210F

 000000

 97D0B7

 97D0B7

 82D0AE

 ACD0C0

 6DD0A5

 C1D0C9

 59D09C

 D5D0D2

 44D093

 EAD0DB

 2FD089

 FFD0E5

 1AD080

 FFD0EE

 05D077

 FFD0F7

 00D075

 FFD0FF

# Harmonies

## Analogous

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



B0CCA3



97D0B7



86D1CE

# Triad

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



97D0B7



B8C2F0



EFB8A5

# Complementary

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



97D0B7



D097B0

# 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.



F3B4B9



97D0B7



D5BAE4

# Square

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



97D0B7



9AC9EF



EAB5D1



E0BE99

# Rectangle

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



97D0B7



84D0DD



EAB5D1



F1B6AB



# Sweetspot

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



97D0B7



EBFFF6



B1D097



73807A



000000



808080

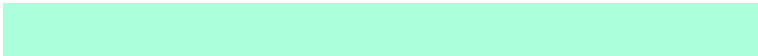


# Same Dimension

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



97D0B7



ABFFDA



97CDD0



5E6964



00A85E



002917



# Inverse Universe

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



D097B0



FFABD0



D09A97



695E63



A8004A

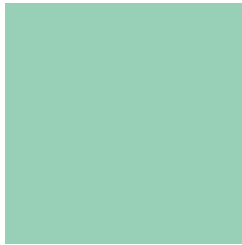


290012



# Previews

## White Background



This preview shows how the Hex color 97D0B7 looks on a white background.

## Color Contrast Check

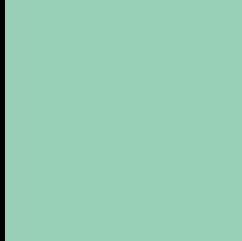
Large Text (above 18pt) WCAG AA × Fail

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 97D0B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

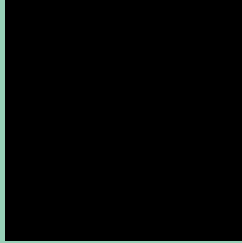
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

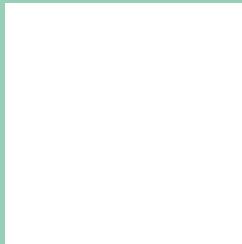
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97D0B7 Background



This preview shows how black text looks on a background with the Hex color 97D0B7.

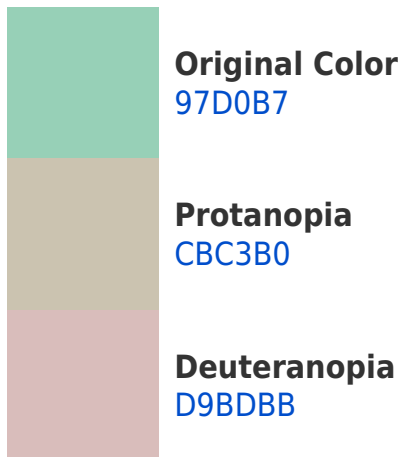


This preview shows how white text looks on a background with the Hex color 97D0B7.

# 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](#).

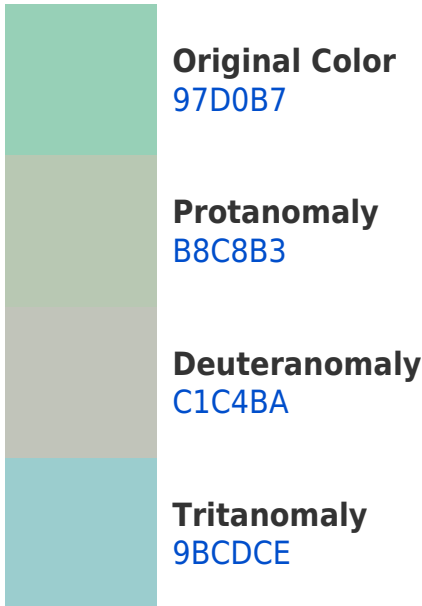
## Dichromacy



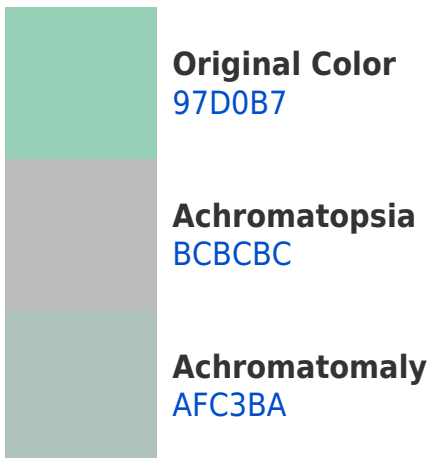


**Tritanopia**  
9ECBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97D0B7 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 #97D0B7 looks like.

```
.text, #text, p{  
    color:#97D0B7  
}
```

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 #97D0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D0B7
}
```

## Border

The CSS property to change the border of an element to Hex 97D0B7 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
#97D0B7 }
```

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

```
.border{ border-color:#97D0B7 }
```

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

Here you see how a box with a 4 pixel #97D0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D0B7; -webkit-box-shadow:4px 4px  
4px 4px #97D0B7; box-shadow:4px 4px 4px  
4px #97D0B7 }
```

# Background

The CSS property to change the background color of an element to Hex 97D0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D0B7 }
```

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

```
.background{ background-color:#97D0B7 }
```

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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