

# Converting Colors

Hex(97D0B4)

Have a look what the booklet for  
Hex(97D0B4) contains.

<b>Hex(97D0B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(97D0B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97D0B4
RGB	151, 208, 180
RGB Percent	59%, 82%, 71%
CMY	0.4078, 0.1843, 0.2941
CMYK	0.27, 0.00, 0.13, 0.18
HSL	151°, 38%, 70%
HSV	151°, 27%, 82%
XYZ	43.5566, 54.9863, 51.4978
YIQ	187.7650, -24.9840, -20.7920

# Conversions

## Conversions Part 2

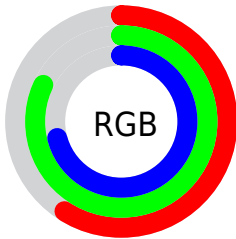
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 189, 208
Decimal	9949364
CIELab	79.03, -24.14, 8.02
CIElCh	79, 25.440, 161.612
Yxy	54.9863, 0.2903, 0.3665
Android (android.graphics.Color)	4288139444 (0xFF97D0B4)
YUV	187.7650, -3.8281, -32.2429
Hunter-Lab	74.1528, -24.9183, 10.7311

# Details

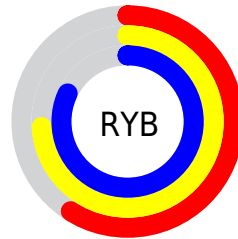
The Hex color **97D0B4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D097B3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CEFFEC**, and **62997F** is the 20% darker color. If you saturate the color by 10%, you get **82D0AA**, and if you desaturate by 10%, it is **ACD0BE**.

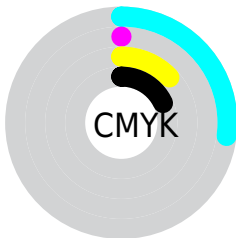
# Distribution



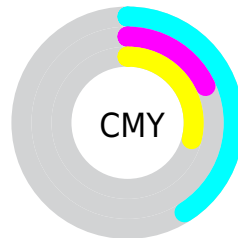
- Red (59%)
- Green (82%)
- Blue (71%)



- Red (59%)
- Yellow (74%)
- Blue (82%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)



- Cyan (41%)
- Magenta (18%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97D0B4 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 97D0B4 by changing the saturation by 10% instead.



 97D0B4

 97D0B4

FFFFFF

 7CB499

 CEFFEC

 62997F

 EBFFFF

 497F66

 30664E

 164E37

 003622

 00210C

 000000

 97D0B4

 97D0B4

 82D0AA

 ACD0BE

 6DD0A0

 C1D0C8

 59D095

 D5D0D3

 44D08B

 EAD0DD

 2FD081

 FFD0E7

 1AD077

 FFD0F1

 05D06C

 FFD0FC

 00D06A

 FFD0FF

# Harmonies

## Analogous

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



B1CCA0



97D0B4



84D1CC

# Triad

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



97D0B4



B4C3F2



F1B6A5

# Complementary

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



97D0B4



D097B3

# 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.



F4B3BB



97D0B4



D3BBE7

# Square

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



97D0B4



95CAF0



EAB4D3



E3BD97

# Rectangle

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



97D0B4



80D0DC



EAB4D3



F3B5AC



# Sweetspot

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



97D0B4



EBFFF5



B4D097



738079



000000



808080

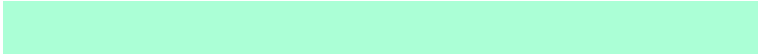


# Same Dimension

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



97D0B4



ABFFD6



97D0D0



5E6963



00A856



002915



# Inverse Universe

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



D097B3



FFABD4



D09797



695E63



A80053



290014



# Previews

## White Background



This preview shows how the Hex color 97D0B4 looks on a white background.

## Color Contrast Check

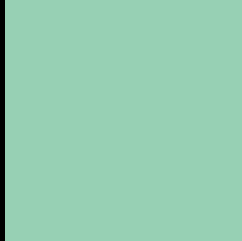
Large Text (above 18pt) WCAG AA × Fail

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 97D0B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

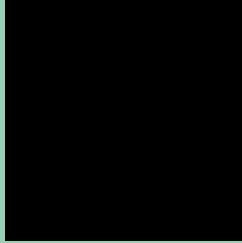
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

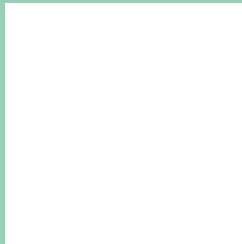
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97D0B4 Background



This preview shows how black text looks on a background with the Hex color 97D0B4.

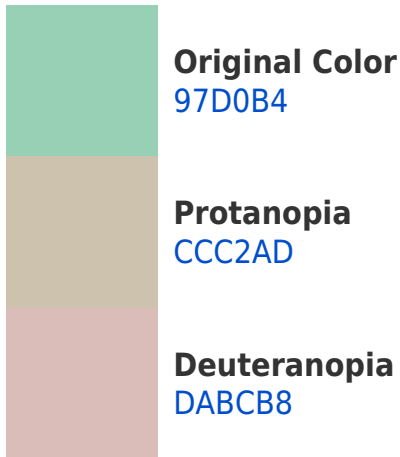


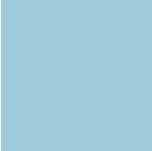
This preview shows how white text looks on a background with the Hex color 97D0B4.

# 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](#).

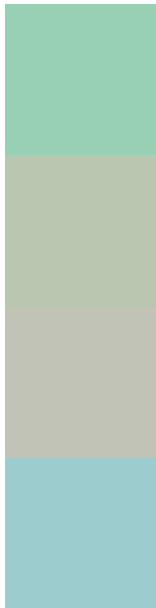
## Dichromacy





**Tritanopia**  
9FCADB

# Trichromacy



**Original Color**  
97D0B4

**Protanomaly**  
B9C7B0

**Deuteranomaly**  
C2C3B7

**Tritanomaly**  
9CCCCD

# Monochromacy



**Original Color**  
97D0B4

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
AFC3B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97D0B4 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 #97D0B4 looks like.

```
.text, #text, p{  
    color:#97D0B4  
}
```

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 #97D0B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97D0B4
}
```

## Border

The CSS property to change the border of an element to Hex 97D0B4 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
#97D0B4 }
```

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

```
.border{ border-color:#97D0B4 }
```

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

Here you see how a box with a 4 pixel #97D0B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97D0B4; -webkit-box-shadow:4px 4px  
4px 4px #97D0B4; box-shadow:4px 4px 4px  
4px #97D0B4 }
```

# Background

The CSS property to change the background color of an element to Hex 97D0B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97D0B4 }
```

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

```
.background{ background-color:#97D0B4 }
```

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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