

# Converting Colors

Hex(97B8D0)

Have a look what the booklet for  
Hex(97B8D0) contains.

<b>Hex(97B8D0)</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(97B8D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97B8D0
RGB	151, 184, 208
RGB Percent	59%, 72%, 82%
CMY	0.4078, 0.2784, 0.1843
CMYK	0.27, 0.12, 0.00, 0.18
HSL	205°, 38%, 70%
HSV	205°, 27%, 82%
XYZ	41.2882, 45.4144, 66.2642
YIQ	176.8690, -27.3720, 0.4680

# Conversions

## Conversions Part 2

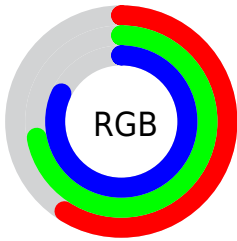
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 172, 208
Decimal	9943248
CIELab	73.16, -5.65, -15.76
CIELCh	73, 16.740, 250.263
Yxy	45.4144, 0.2699, 0.2969
Android (android.graphics.Color)	4288133328 (0xFF97B8D0)
YUV	176.8690, 15.3476, -22.6871
Hunter-Lab	67.3902, -8.5706, -11.1263

# Details

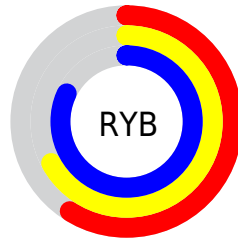
The Hex color **97B8D0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D0AF97**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CEF0FF**, and **63839A** is the 20% darker color. If you saturate the color by 10%, you get **82AFD0**, and if you desaturate by 10%, it is **ACC1D0**.

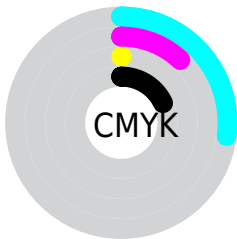
# Distribution



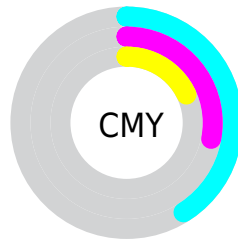
- Red (59%)
- Green (72%)
- Blue (82%)



- Red (59%)
- Yellow (67%)
- Blue (82%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (41%)
- Magenta (28%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97B8D0 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 97B8D0 by changing the saturation by 10% instead.



 97B8D0

 97B8D0

FFFFFF

 7C9DB4

 CEF0FF

 63839A

 EBFFFF

 496A80

 315267

 173B4E

 002538

 001022

 00000A

 000000

■ 97B8D0

■ 97B8D0

■ 82AFD0

■ ACC1D0

■ 6DA6D0

■ C1CAD0

■ 599ED0

■ D5D2D0

■ 4495D0

■ EADBD0

■ 2F8CD0

■ FFE4D0

■ 1A83D0

■ FFEDD0

■ 057BD0

■ FFF5D0

■ 0078D0

■ FFFED0

■ FFFF00

# Harmonies

## Analogous

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



8CBBC7



97B8D0



A9B3D2

# Triad

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



97B8D0



D4A9AF



A9B99C

# Complementary

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



97B8D0



D0AF97

# 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.



BAB496



97B8D0



D2ABA0

# Square

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



97B8D0



CCAABE



C9AF97



98BCA9

# Rectangle

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



97B8D0



B7B0CE



C9AF97



AFB799

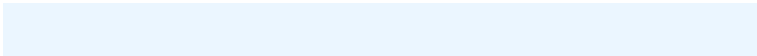


# Sweetspot

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



97B8D0



EBF6FF



97D0AF



737A80



000000



808080

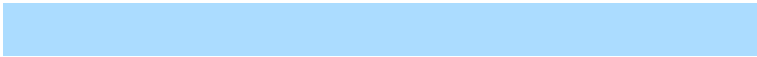


# Same Dimension

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



97B8D0



ABDCFF



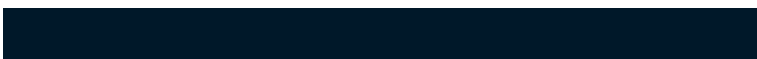
979CD0



5E6469



0061A8



001829



# Inverse Universe

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



D097B8



FFABDC



D0CB97



695E64



A80061

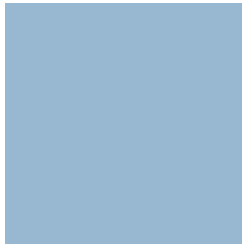


290018



# Previews

## White Background



This preview shows how the Hex color 97B8D0 looks on a white background.

## Color Contrast Check

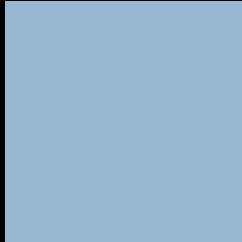
Large Text (above 18pt) WCAG AA × Fail

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 97B8D0 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

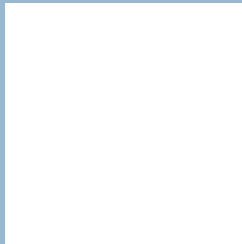
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97B8D0 Background



This preview shows how black text looks on a background with the Hex color 97B8D0.

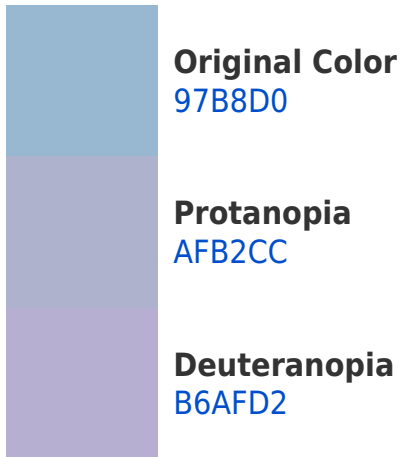


This preview shows how white text looks on a background with the Hex color 97B8D0.

# 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](#).

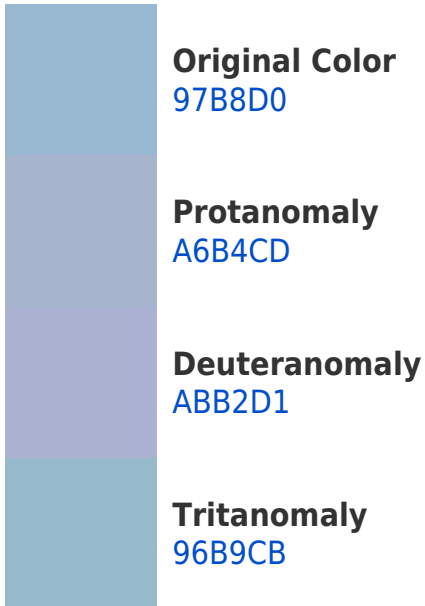
## Dichromacy



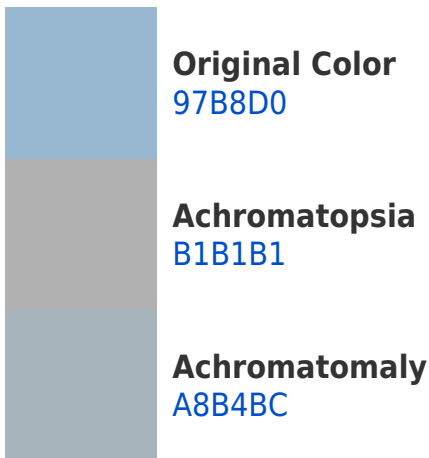


**Tritanopia**  
95B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97B8D0 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 #97B8D0 looks like.

```
.text, #text, p{  
    color:#97B8D0  
}
```

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 #97B8D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97B8D0
}
```

## Border

The CSS property to change the border of an element to Hex 97B8D0 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
#97B8D0 }
```

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

```
.border{ border-color:#97B8D0 }
```

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

Here you see how a box with a 4 pixel #97B8D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97B8D0; -webkit-box-shadow:4px 4px  
4px 4px #97B8D0; box-shadow:4px 4px 4px  
4px #97B8D0 }
```

# Background

The CSS property to change the background color of an element to Hex 97B8D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97B8D0 }
```

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

```
.background{ background-color:#97B8D0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor