

Converting Colors

Hex(97BDBD)

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

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

Color

Hex(97BDBD)

Conversions

Conversions Part 1

Format	Color
Hex	97BDBD
RGB	151, 189, 189
RGB Percent	59%, 74%, 74%
CMY	0.4078, 0.2588, 0.2588
CMYK	0.20, 0.00, 0.00, 0.26
HSL	180°, 22%, 67%
HSV	180°, 20%, 74%
XYZ	40.1454, 46.6486, 55.0323
YIQ	177.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

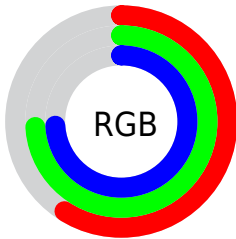
Format	Color
RYB	151, 170, 189
Decimal	9944509
CIELab	73.96, -12.63, -4.20
CIELCh	74, 13.310, 198.399
Yxy	46.6486, 0.2831, 0.3289
Android (android.graphics.Color)	4288134589 (0xFF97BDBD)
YUV	177.6380, 5.6015, -23.3615
Hunter-Lab	68.2998, -14.6055, 0.0372

Details

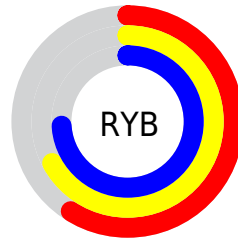
The Hex color **97BDBD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD9797**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **CEF5F5**, and **638888** is the 20% darker color. If you saturate the color by 10%, you get **84BDBD**, and if you desaturate by 10%, it is **AABDBD**.

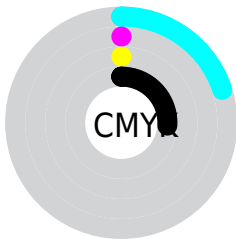
Distribution



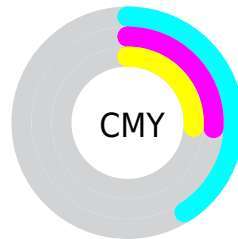
- Red (59%)
- Green (74%)
- Blue (74%)



- Red (59%)
- Yellow (67%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



- Cyan (41%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

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

 97BDBD

 97BDBD

FFFFFF

 7DA2A2

 CEF5F5

 638888

 EAFFFF

 4A6E6E

 325656

 1B3F3F

 022829

 001515

 000000

 97BDBD

 97BDBD

84BDBD

AABDBD

71BDBD

BDBDBD

5EBDBD

D0BDBD

4BBDBD

E3BDBD

39BDBD

F6BDBD

26BDBD

FFBDBD

13BDBD

00BDBD

Harmonies

Analogous

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



9DBDB0



97BDBD



99BBC8

Triad

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



97BDBD



C1B0C6



C4B39E

Complementary

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



97BDBD



BD9797

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.



CDB0A4



97BDBD



CCAEBB

Square

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



97BDBD



B2B4CD



D0AEAF



B8B79F

Rectangle

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



97BDBD



9FB9CC



D0AEAF



C8B29F

Sweetspot

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



97BDBD



E6F5F5



97BD97



727A7A



FAFAFA



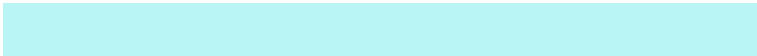
7A7A7A

Same Dimension

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



97BDBD



BAF5F5



97AABD



555E5E



009E9E



001F1F

Inverse Universe

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



BD97BD



F5BAF5



BDAA97



5E555E



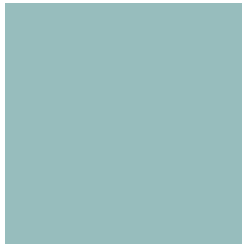
9E009E



1F001F

Previews

White Background



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

Color Contrast Check

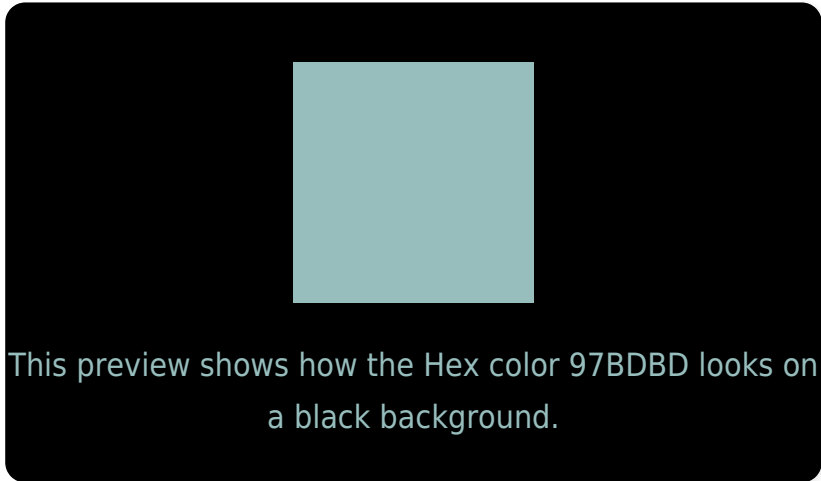
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

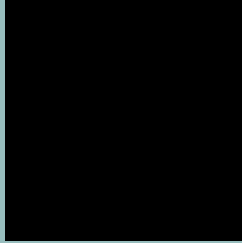
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

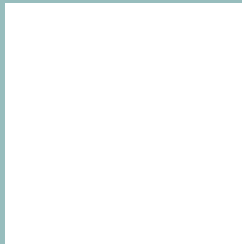
Any Text WCAG AAA ✓ Pass

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

Hex 97BDBD Background



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

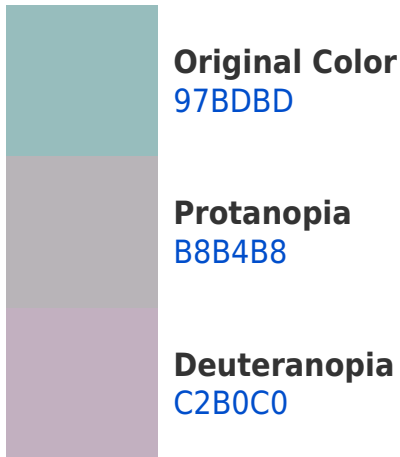


This preview shows how white text looks on a background with the Hex color 97BDBD.

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](#).

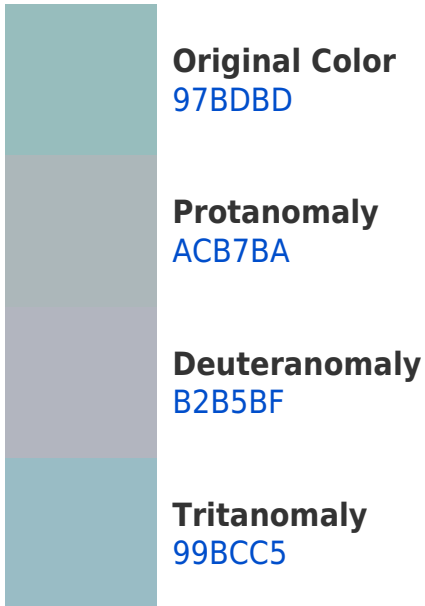
Dichromacy



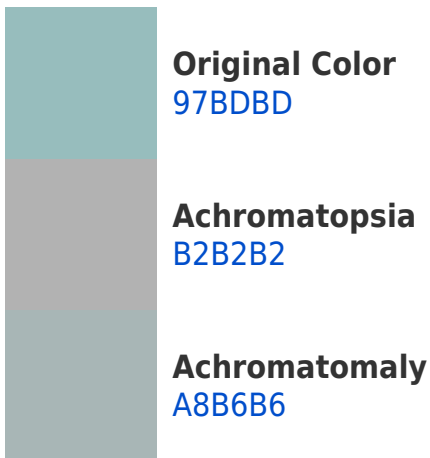


Tritanopia
9ABBCA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #97BDBD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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