

# Converting Colors

Hex(7B9985)

Have a look what the booklet for  
Hex(7B9985) contains.

<b>Hex(7B9985)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7B9985)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B9985
RGB	123, 153, 133
RGB Percent	48%, 60%, 52%
CMY	0.5176, 0.4000, 0.4784
CMYK	0.20, 0.00, 0.13, 0.40
HSL	140°, 13%, 54%
HSV	140°, 20%, 60%
XYZ	23.7932, 28.6869, 26.4734
YIQ	141.7500, -11.4600, -12.5800

# Conversions

## Conversions Part 2

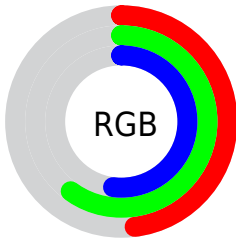
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 146, 153</a>
Decimal	<a href="#">8100229</a>
CIELab	<a href="#">60.50, -14.64, 7.08</a>
CIElCh	<a href="#">61, 16.261, 154.206</a>
Yxy	<a href="#">28.6869, 0.3014, 0.3633</a>
Android (android.graphics.Color)	<a href="#">4286290309 (0xFF7B9985)</a>
YUV	<a href="#">141.7500, -4.3137, -16.4438</a>
Hunter-Lab	<a href="#">53.5601, -14.4344, 8.1866</a>

# Details

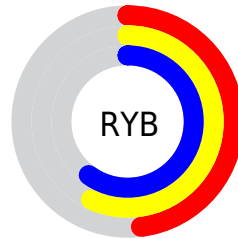
The Hex color **7B9985** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **997B8F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B0CFBA**, and **4A6654** is the 20% darker color. If you saturate the color by 10%, you get **6C997B**, and if you desaturate by 10%, it is **8A998F**.

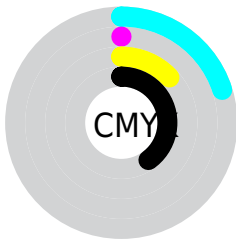
# Distribution



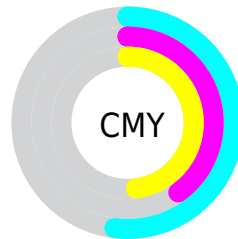
- Red (48%)
- Green (60%)
- Blue (52%)



- Red (48%)
- Yellow (57%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9985 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 7B9985 by changing the saturation by 10% instead.





7B9985



7B9985

FFFFFF



627F6C



B0CFBA



4A6654



CBECD6



334E3C



E8FFF2



1C3727



072112



000300



000000



7B9985



7B9985



6C997B



8A998F

 5C9971

 9A9999

 4D9966

 A999A4

 3E995C

 B899AE

 2F9952

 C899B8

 1F9948

 D799C2

 10993E

 E699CC

 019933

 F599D7

 009933

 FF99E1

# Harmonies

## Analogous

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



8B967A



7B9985



6F9A93

# Triad

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



7B9985



8492AE



AF8982

# Complementary

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



7B9985



997B8F

# 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.



AF8890



7B9985



978EAA

# Square

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



7B9985



7497AB



A68A9F



A88D79

# Rectangle

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



7B9985



6B9A9D



A68A9F



B08887



# Sweetspot

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



7B9985



BBC7BF



8F997B



5C635F



E3E3E3



636363



# Same Dimension

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



7B9985



97C7A7



7B9994



454D47



008C2F



000D04



# Inverse Universe

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



997B8F



C797B7



997B80



4D454A



8C005E



0D0009



# Previews

## White Background



This preview shows how the Hex color 7B9985 looks on a white background.

## Color Contrast Check

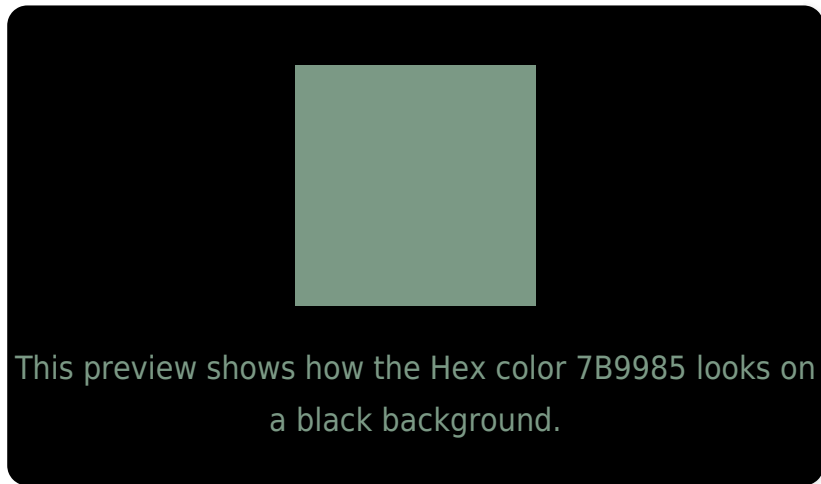
Large Text (above 18pt) WCAG AA ✓ Pass

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

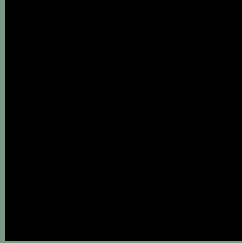
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B9985 Background



This preview shows how black text looks on a background with the Hex color 7B9985.

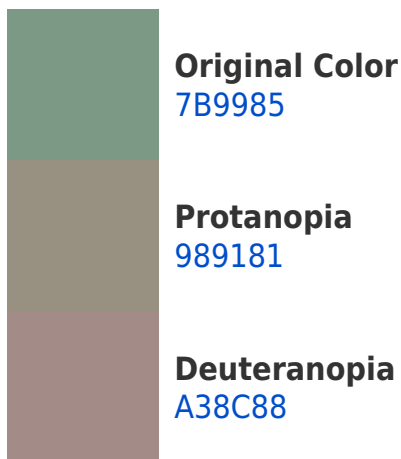


This preview shows how white text looks on a background with the Hex color 7B9985.

# 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



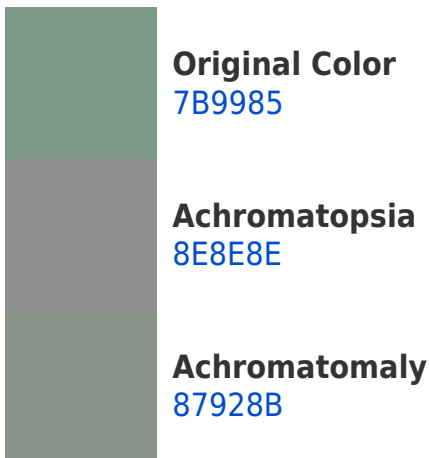


**Tritanopia**  
8095A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9985 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 #7B9985 looks like.

```
.text, #text, p{  
    color:#7B9985  
}
```

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 #7B9985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9985
}
```

## Border

The CSS property to change the border of an element to Hex 7B9985 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
#7B9985 }
```

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

```
.border{ border-color:#7B9985 }
```

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

Here you see how a box with a 4 pixel #7B9985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9985; -webkit-box-shadow:4px 4px  
4px 4px #7B9985; box-shadow:4px 4px 4px  
4px #7B9985 }
```

# Background

The CSS property to change the background color of an element to Hex 7B9985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9985 }
```

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

```
.background{ background-color:#7B9985 }
```

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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