

# Converting Colors

Hex(7B988C)

Have a look what the booklet for  
Hex(7B988C) contains.

<b>Hex(7B988C)</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(7B988C)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B988C
RGB	123, 152, 140
RGB Percent	48%, 60%, 55%
CMY	0.5176, 0.4039, 0.4510
CMYK	0.19, 0.00, 0.08, 0.40
HSL	155°, 12%, 54%
HSV	155°, 19%, 60%
XYZ	24.1302, 28.5609, 29.0519
YIQ	141.9610, -13.4320, -9.8800

# Conversions

## Conversions Part 2

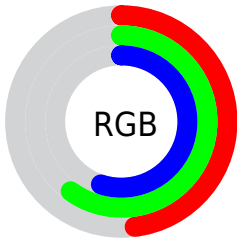
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 141, 152
Decimal	8099980
CIELab	60.39, -12.68, 2.95
CIELCh	60, 13.016, 166.881
Yxy	28.5609, 0.2952, 0.3494
Android (android.graphics.Color)	4286290060 (0xFF7B988C)
YUV	141.9610, -0.9668, -16.6288
Hunter-Lab	53.4424, -12.9280, 5.1789

# Details

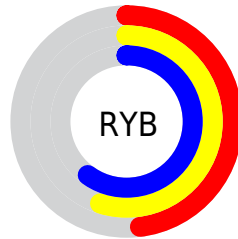
The Hex color **7B988C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **987B87**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B0CEC2**, and **4A655A** is the 20% darker color. If you saturate the color by 10%, you get **6C9886**, and if you desaturate by 10%, it is **8A9892**.

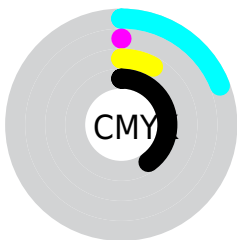
# Distribution



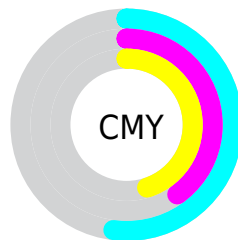
- Red (48%)
- Green (60%)
- Blue (55%)



- Red (48%)
- Yellow (55%)
- Blue (60%)



- Cyan (19%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B988C 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 7B988C by changing the saturation by 10% instead.





7B988C



7B988C

FFFFFF



627E73



B0CEC2



4A655A



CBEBDD



334D43



E8FFFA



1C362D



072118



000300



000000



7B988C



7B988C



6C9886



8A9892

■ 5D987F

■ 999899

■ 4D9879

■ A9989F

■ 3E9873

■ B898A5

■ 2F986D

■ C798AB

■ 209866

■ D698B2

■ 119860

■ E598B8

■ 01985A

■ F598BE

■ 009859

■ FF98C5

# Harmonies

## Analogous

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



879682



7B988C



749898

# Triad

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



7B988C



8D90A7



A88C81

# Complementary

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



7B988C



987B87

# 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.



AA8A8B



7B988C



9C8DA1

# Square

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



7B988C



7F94A8



A68A97



A08F7C

# Rectangle

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



7B988C



74989F



A68A97



A98B84



# Sweetspot

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



7B988C



B9C4BF



87987B



5C6361



E3E3E3



636363



# Same Dimension

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



7B988C



97C4B2



7B9698



454D49



008C52



000D07



# Inverse Universe

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



987B87



C497AA



987D7B



4D4548



8C003A



0D0005



# Previews

## White Background



This preview shows how the Hex color 7B988C looks on a white background.

## Color Contrast Check

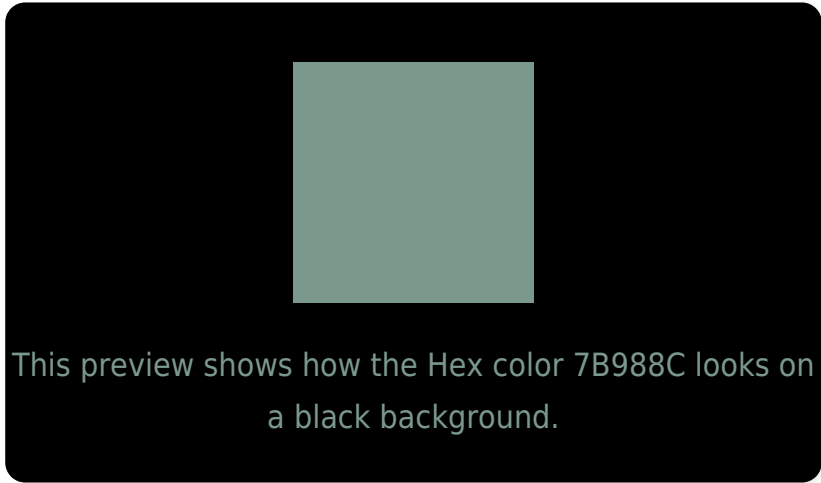
Large Text (above 18pt) WCAG AA ✓ Pass

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

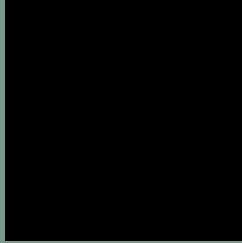
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7B988C Background



This preview shows how black text looks on a background with the Hex color 7B988C.

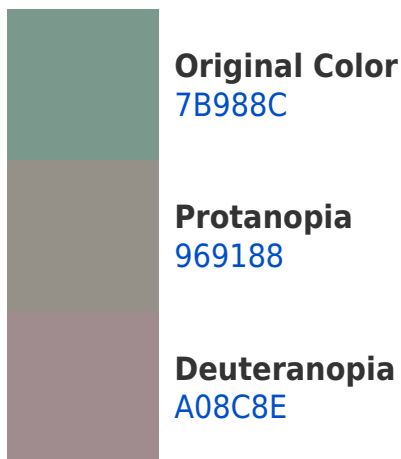


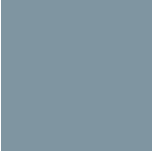
This preview shows how white text looks on a background with the Hex color 7B988C.

# 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**  
7F95A1

# Trichromacy



**Original Color**  
7B988C

**Protanomaly**  
8C9489

**Deuteranomaly**  
93908D

**Tritanomaly**  
7E9699

# Monochromacy



**Original Color**  
7B988C

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
87928D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B988C 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 #7B988C looks like.

```
.text, #text, p{  
    color:#7B988C  
}
```

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 #7B988C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B988C
}
```

## Border

The CSS property to change the border of an element to Hex 7B988C 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
#7B988C }
```

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

```
.border{ border-color:#7B988C }
```

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

Here you see how a box with a 4 pixel #7B988C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B988C; -webkit-box-shadow:4px 4px  
4px 4px #7B988C; box-shadow:4px 4px 4px  
4px #7B988C }
```

# Background

The CSS property to change the background color of an element to Hex 7B988C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B988C }
```

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

```
.background{ background-color:#7B988C }
```

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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