

# Converting Colors

Hex(7BA98C)

Have a look what the booklet for  
Hex(7BA98C) contains.

<b>Hex(7BA98C)</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(7BA98C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BA98C
RGB	123, 169, 140
RGB Percent	48%, 66%, 55%
CMY	0.5176, 0.3373, 0.4510
CMYK	0.27, 0.00, 0.17, 0.34
HSL	142°, 21%, 57%
HSV	142°, 27%, 66%
XYZ	27.0900, 34.4803, 30.0385
YIQ	151.9400, -18.1070, -18.7710

# Conversions

## Conversions Part 2

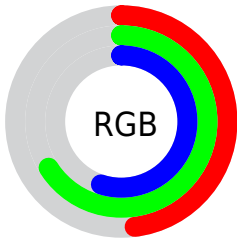
Format	Color
R <sub>YB</sub>	123, 157, 169
Decimal	8104332
CIE <sub>Lab</sub>	65.34, -21.56, 10.05
CIE <sub>LCh</sub>	65, 23.790, 155.017
Y <sub>xy</sub>	34.4803, 0.2957, 0.3764
Android (android.graphics.Color)	4286294412 (0xFF7BA98C)
YUV	151.9400, -5.8864, -25.3804
Hunter-Lab	58.7200, -20.4104, 10.7738

# Details

The Hex color **7BA98C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A97B98**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B0E0C2**, and **49755A** is the 20% darker color. If you saturate the color by 10%, you get **6AA981**, and if you desaturate by 10%, it is **8CA997**.

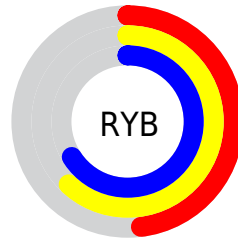
# Distribution



Red (48%)

Green (66%)

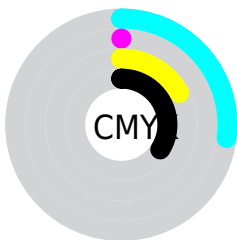
Blue (55%)



Red (48%)

Yellow (62%)

Blue (66%)

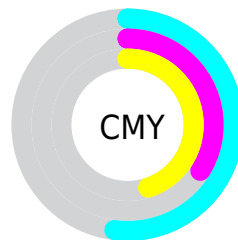


Cyan (27%)

Magenta (0%)

Yellow (17%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA98C 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 7BA98C by changing the saturation by 10% instead.



 7BA98C

 7BA98C


FFFFFF

 618E72

 B0E0C2

 49755A

 CCFDDD

 315C42

 E9FFFA

 19442C

 002D17

 001B00

 000000

 7BA98C

 7BA98C

 6AA981

 8CA997

 59A977

 9DA9A1

 48A96C

 AEA9AC

 37A961

 BFA9B7

 27A957

 CFA9C1

 16A94C

 E0A9CC

 05A941

 F1A9D7

 00A93E

 FFA9E1

 FFA9EC

# Harmonies

## Analogous

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



93A57B



7BA98C



67ABA2

# Triad

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



7BA98C



899FC9



C99187

# Complementary

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



7BA98C



A97B98

# 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.



C98F9C



7BA98C



A798C2

# Square

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



7BA98C



6EA6C5



BD92B1



BE9779

# Rectangle

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



7BA98C



60AAB0



BD92B1



CA908E



# Sweetspot

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



7BA98C



CADBDO



98A97B



636E67



EDEDED



6E6E6E



# Same Dimension

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



7BA98C



93DBAE



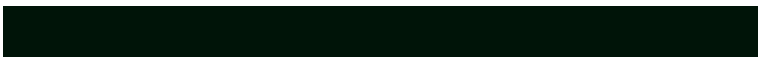
7BA9A3



4C544F



009437



001408



# Inverse Universe

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



A97B98



DB93C1



A97B81



544C51



94005D



14000D



# Previews

## White Background



This preview shows how the Hex color 7BA98C looks on a white background.

## Color Contrast Check

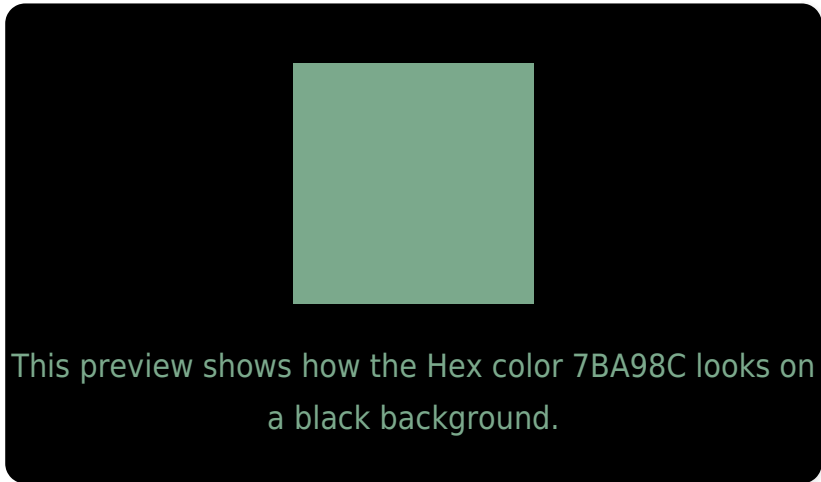
Large Text (above 18pt) WCAG AA × Fail

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

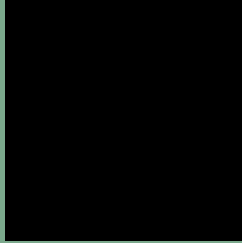
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BA98C Background



This preview shows how black text looks on a background with the Hex color 7BA98C.



This preview shows how white text looks on a background with the Hex color 7BA98C.

# 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](#).

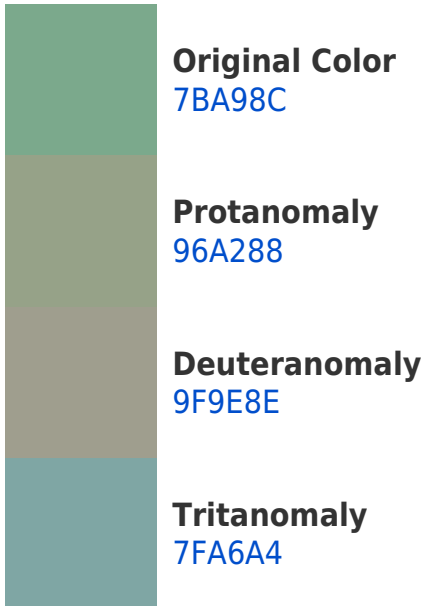
## Dichromacy





**Tritanopia**  
82A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA98C 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 #7BA98C looks like.

```
.text, #text, p{  
    color:#7BA98C  
}
```

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 #7BA98C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA98C
}
```

## Border

The CSS property to change the border of an element to Hex 7BA98C 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
#7BA98C }
```

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

```
.border{ border-color:#7BA98C }
```

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

Here you see how a box with a 4 pixel #7BA98C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA98C; -webkit-box-shadow:4px 4px  
4px 4px #7BA98C; box-shadow:4px 4px 4px  
4px #7BA98C }
```

# Background

The CSS property to change the background color of an element to Hex 7BA98C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA98C }
```

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

```
.background{ background-color:#7BA98C }
```

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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