

# Converting Colors

Hex(7BA987)

Have a look what the booklet for  
Hex(7BA987) contains.

<b>Hex(7BA987)</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(7BA987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BA987
RGB	123, 169, 135
RGB Percent	48%, 66%, 53%
CMY	0.5176, 0.3373, 0.4706
CMYK	0.27, 0.00, 0.20, 0.34
HSL	136°, 21%, 57%
HSV	136°, 27%, 66%
XYZ	26.7295, 34.3362, 28.1404
YIQ	151.3700, -16.5020, -20.3260

# Conversions

## Conversions Part 2

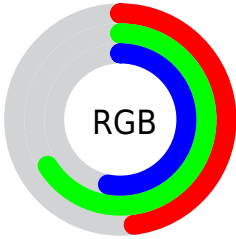
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 159, 169</a>
Decimal	<a href="#">8104327</a>
CIELab	<a href="#">65.23, -22.54, 12.65</a>
CIELCh	<a href="#">65, 25.849, 150.691</a>
Yxy	<a href="#">34.3362, 0.2996, 0.3849</a>
Android (android.graphics.Color)	<a href="#">4286294407 (0xFF7BA987)</a>
YUV	<a href="#">151.3700, -8.0704, -24.8805</a>
Hunter-Lab	<a href="#">58.5971, -21.1207, 12.5448</a>

# Details

The Hex color **7BA987** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A97B9D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B0E0BC**, and **497555** is the 20% darker color. If you saturate the color by 10%, you get **6AA97B**, and if you desaturate by 10%, it is **8CA993**.

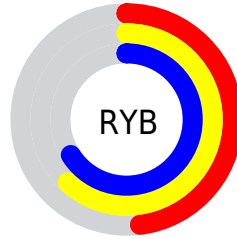
# Distribution



Red (48%)

Green (66%)

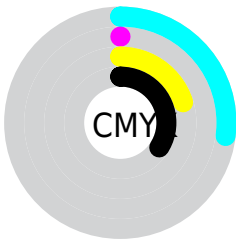
Blue (53%)



Red (48%)

Yellow (62%)

Blue (66%)

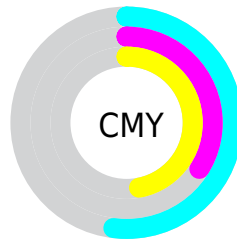


Cyan (27%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA987 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 7BA987 by changing the saturation by 10% instead.





7BA987



7BA987

FFFFFF



618E6E



B0E0BC



497555



CCFDD8



315C3E



E9FFF5



194428



002D13



001B00



000000



7BA987



7BA987



6AA97B



8CA993

 59A96E

 9DA9A0

 48A962

 AEA9AC

 37A955

 BFA9B9

 27A949

 CFA9C5

 16A93C

 E0A9D2

 05A930

 F1A9DE

 00A92C

 FFA9EB

 FFA9F7

# Harmonies

## Analogous

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



96A476



7BA987



63AB9E

# Triad

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



7BA987



82A0CC



CC8F88

# Complementary

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



7BA987



A97B9D

# 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.



CB8D9F



7BA987



A398C6

# Square

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



7BA987



64A7C6



BC91B5



C29577

# Rectangle

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



7BA987



59ABAE



BC91B5



CD8E8F



# Sweetspot

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



7BA987



CADBCE



9DA97B



636E66



EDEDED



6E6E6E



# Same Dimension

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



7BA987



93DBA6



7BA99D



4C544E



009427



001405



# Inverse Universe

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



A97B9D



DB93C8



A97B86



544C52



94006D



14000F



# Previews

## White Background



This preview shows how the Hex color 7BA987 looks on a white background.

## Color Contrast Check

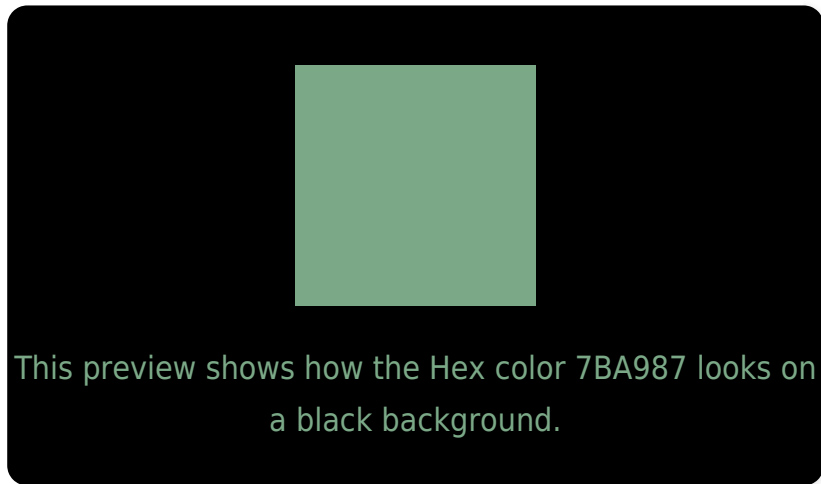
Large Text (above 18pt) WCAG AA × Fail

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

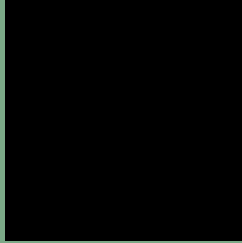
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BA987 Background



This preview shows how black text looks on a background with the Hex color 7BA987.

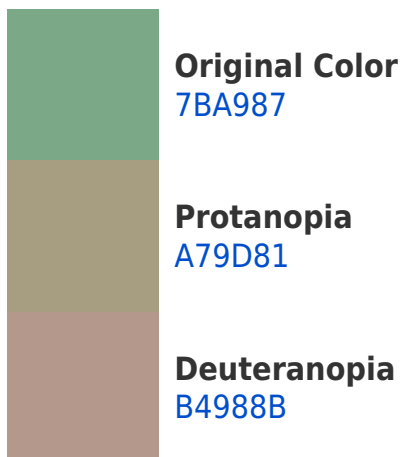


This preview shows how white text looks on a background with the Hex color 7BA987.

# 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](#).

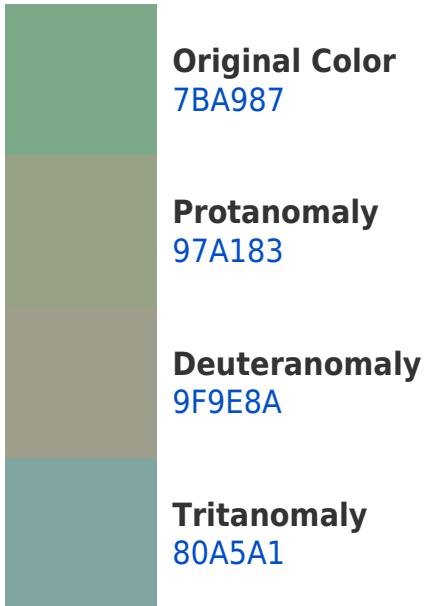
## Dichromacy





**Tritanopia**  
83A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA987 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 #7BA987 looks like.

```
.text, #text, p{  
    color:#7BA987  
}
```

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 #7BA987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA987
}
```

## Border

The CSS property to change the border of an element to Hex 7BA987 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
#7BA987 }
```

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

```
.border{ border-color:#7BA987 }
```

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

Here you see how a box with a 4 pixel #7BA987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA987; -webkit-box-shadow:4px 4px  
4px 4px #7BA987; box-shadow:4px 4px 4px  
4px #7BA987 }
```

# Background

The CSS property to change the background color of an element to Hex 7BA987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA987 }
```

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

```
.background{ background-color:#7BA987 }
```

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