

Converting Colors

Hex(7A9980)

Have a look what the booklet for
Hex(7A9980) contains.

Hex(7A9980)	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(7A9980)

Conversions

Conversions Part 1

Format	Color
Hex	7A9980
RGB	122, 153, 128
RGB Percent	48%, 60%, 50%
CMY	0.5216, 0.4000, 0.4980
CMYK	0.20, 0.00, 0.16, 0.40
HSL	132°, 13%, 54%
HSV	132°, 20%, 60%
XYZ	23.3136, 28.4786, 24.6902
YIQ	140.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

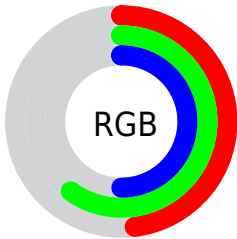
Format	Color
RYB	122, 148, 153
Decimal	8034688
CIELab	60.32, -15.97, 9.62
CIElCh	60, 18.648, 148.930
Yxy	28.4786, 0.3048, 0.3724
Android (android.graphics.Color)	4286224768 (0xFF7A9980)
YUV	140.8810, -6.3503, -16.5586
Hunter-Lab	53.3653, -15.4085, 9.9243

Details

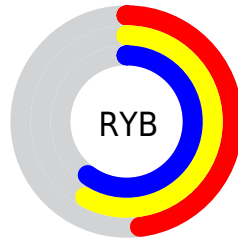
The Hex color **7A9980** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **997A93**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AFCFB5**, and **49664F** is the 20% darker color. If you saturate the color by 10%, you get **6B9974**, and if you desaturate by 10%, it is **89998C**.

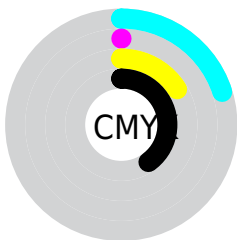
Distribution



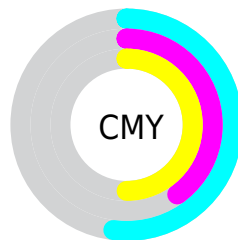
- Red (48%)
- Green (60%)
- Blue (50%)



- Red (48%)
- Yellow (58%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (52%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A9980 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 7A9980 by changing the saturation by 10% instead.

 7A9980

 7A9980

FFFFFF

 617F67

 AFCFB5

 49664F

 CAECD0

 324E38

 E7FFED

 1B3722

 06210D

 000200

 000000

 7A9980

 7A9980

 6B9974

 89998C

5B9967

999999

4C995B

A899A5

3D994F

B799B1

2E9942

C799BE

1E9936

D699CA

0F992A

E599D6

00991E

F499E3

FF99EF

Harmonies

Analogous

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



8D9574



7A9980



6A9B90

Triad

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



7A9980



7D93B2



B38782

Complementary

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



7A9980



997A93

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.



B18693



7A9980



948DAE

Square

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



7A9980



6B98AD



A688A3



AC8B76

Rectangle

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



7A9980



659B9B



A688A3



B48687

Sweetspot

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



7A9980



BBC7BD



93997A



5C635E



E3E3E3



636363

Same Dimension

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



7A9980



97C7A0



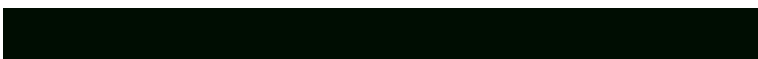
7A998F



454D46



008C1B



000D02

Inverse Universe

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



997A93



C797BE



997A84



4D454B



8C0071



0D000A

Previews

White Background



This preview shows how the Hex color 7A9980 looks on a white background.

Color Contrast Check

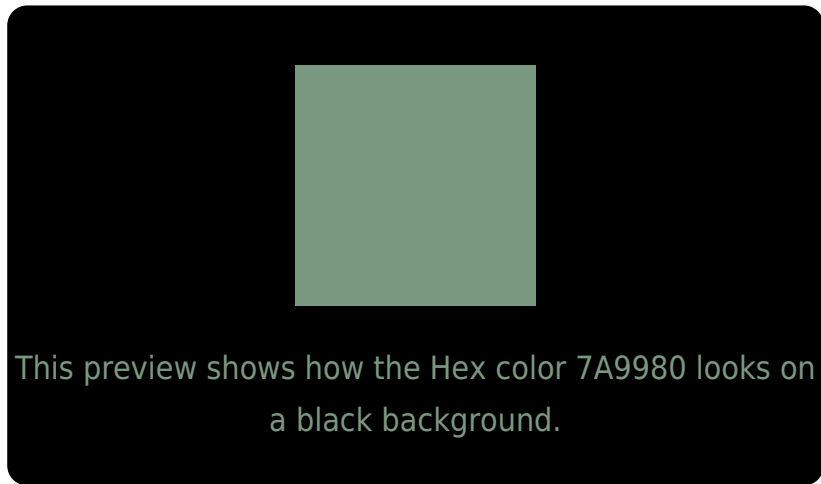
Large Text (above 18pt) WCAG AA ✓ Pass

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

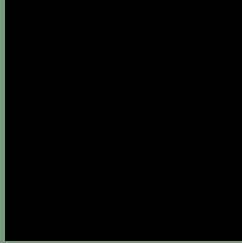
Any Text WCAG AA ✓ Pass

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 7A9980 Background



This preview shows how black text looks on a background with the Hex color 7A9980.

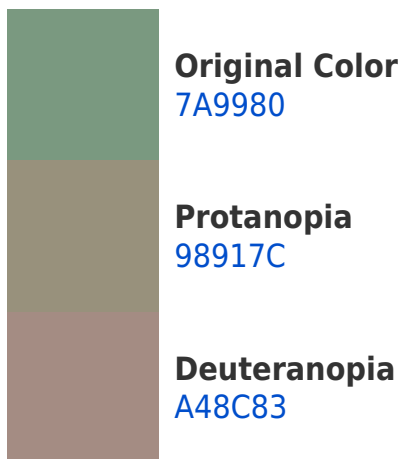


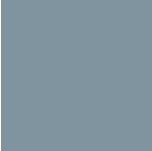
This preview shows how white text looks on a background with the Hex color 7A9980.

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
8094A0

Trichromacy



Original Color
7A9980

Protanomaly
8D947D

Deuteranomaly
959182

Tritanomaly
7E9694

Monochromacy



Original Color
7A9980

Achromatopsia
8D8D8D

Achromatomaly
869188

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A9980 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 #7A9980 looks like.

```
.text, #text, p{  
    color:#7A9980  
}
```

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 #7A9980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A9980
}
```

Border

The CSS property to change the border of an element to Hex 7A9980 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
#7A9980 }
```

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

```
.border{ border-color:#7A9980 }
```

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

Here you see how a box with a 4 pixel #7A9980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A9980; -webkit-box-shadow:4px 4px  
4px 4px #7A9980; box-shadow:4px 4px 4px  
4px #7A9980 }
```

Background

The CSS property to change the background color of an element to Hex 7A9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A9980 }
```

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

```
.background{ background-color:#7A9980 }
```

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