

Converting Colors

Hex(7B9786)

Have a look what the booklet for
Hex(7B9786) contains.

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Color

Hex(7B9786)

Conversions

Conversions Part 1

Format	Color
Hex	7B9786
RGB	123, 151, 134
RGB Percent	48%, 59%, 53%
CMY	0.5176, 0.4078, 0.4745
CMYK	0.19, 0.00, 0.11, 0.41
HSL	144°, 12%, 54%
HSV	144°, 19%, 59%
XYZ	23.5381, 28.0654, 26.7308
YIQ	140.6900, -11.2310, -11.2230

Conversions

Conversions Part 2

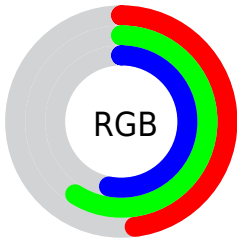
Format	Color
RYB	123, 143, 151
Decimal	8099718
CIELab	59.95, -13.37, 5.71
CIELCh	60, 14.542, 156.867
Yxy	28.0654, 0.3005, 0.3583
Android (android.graphics.Color)	4286289798 (0xFF7B9786)
YUV	140.6900, -3.2982, -15.5141
Hunter-Lab	52.9768, -13.4002, 7.1674

Details

The Hex color **7B9786** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **977B8C**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B0CDBB**, and **4A6454** is the 20% darker color. If you saturate the color by 10%, you get **6C977D**, and if you desaturate by 10%, it is **8A978F**.

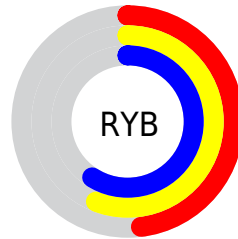
Distribution



Red (48%)

Green (59%)

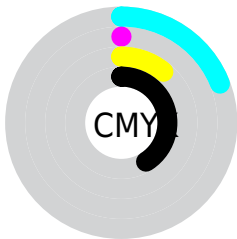
Blue (53%)



Red (48%)

Yellow (56%)

Blue (59%)

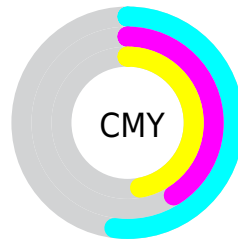


Cyan (19%)

Magenta (0%)

Yellow (11%)

Black (41%)



Cyan (52%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9786 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 7B9786 by changing the saturation by 10% instead.

 7B9786

 7B9786

FFFFFF

 627D6D

 B0CDBB

 4A6454

 CBE9D7

 334C3D

 E8FFF3

 1D3528

 072013

 000000

 7B9786

 7B9786

 6C977D

 8A978F

 5D9774

 999798

 4E976A

 A897A2

 3F9761

 B797AB

 309758

 C797B4

 20974F

 D697BD

 119746

 E597C6

 02973D

 F497CF

 00973B

 FF97D9

Harmonies

Analogous

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



89947C



7B9786



719893

Triad

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



7B9786



8691AA



AA8982

Complementary

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



7B9786



977B8C

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.



AB888E



7B9786



978CA5

Square

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



7B9786



7794A8



A4899B



A48C79

Rectangle

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



7B9786



6F989B



A4899B



AB8885

Sweetspot

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



7B9786



B9C4BD



8C977B



5C635F



E3E3E3



636363

Same Dimension

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



7B9786



99C4AA



7B9794



454D48



008C37



000D05

Inverse Universe

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



977B8C



C499B3



977B7E



4D4549



8C0055



0D0008

Previews

White Background



This preview shows how the Hex color 7B9786 looks on a white background.

Color Contrast Check

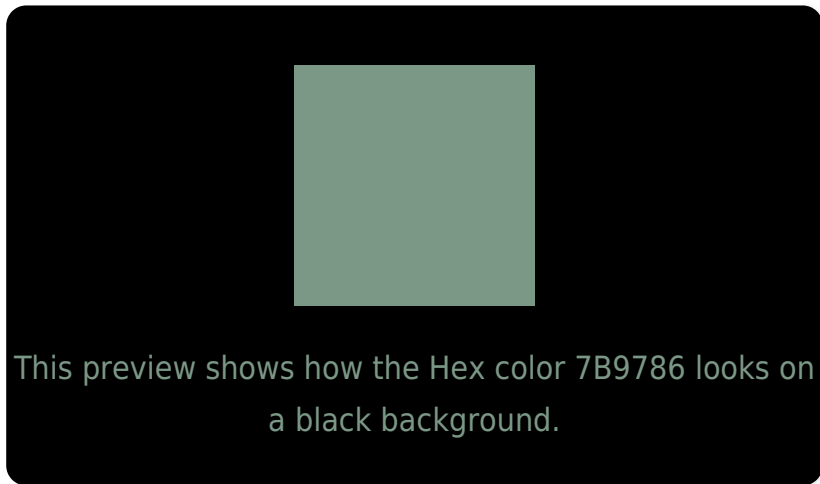
Large Text (above 18pt) WCAG AA ✓ Pass

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

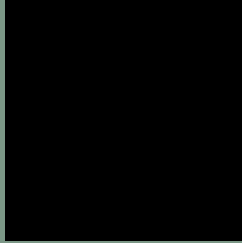
Any Text WCAG AA ✓ Pass

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 7B9786 Background



This preview shows how black text looks on a background with the Hex color 7B9786.

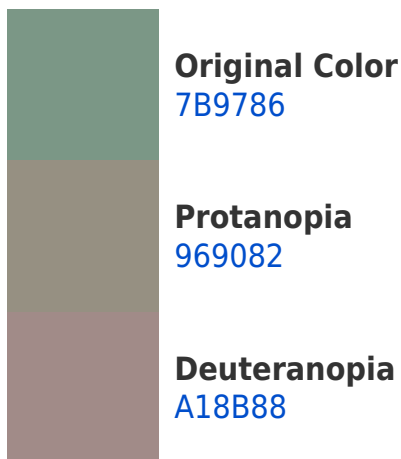


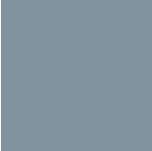
This preview shows how white text looks on a background with the Hex color 7B9786.

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
80939F

Trichromacy



Original Color
7B9786

Protanomaly
8C9383

Deuteranomaly
938F87

Tritanomaly
7E9496

Monochromacy



Original Color
7B9786

Achromatopsia
8D8D8D

Achromatomaly
86918A

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9786 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 #7B9786 looks like.

```
.text, #text, p{  
    color:#7B9786  
}
```

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 #7B9786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9786
}
```

Border

The CSS property to change the border of an element to Hex 7B9786 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
#7B9786 }
```

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

```
.border{ border-color:#7B9786 }
```

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

Here you see how a box with a 4 pixel #7B9786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9786; -webkit-box-shadow:4px 4px  
4px 4px #7B9786; box-shadow:4px 4px 4px  
4px #7B9786 }
```

Background

The CSS property to change the background color of an element to Hex 7B9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9786 }
```

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

```
.background{ background-color:#7B9786 }
```

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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