

# Converting Colors

Hex(7A8B79)

Have a look what the booklet for  
Hex(7A8B79) contains.

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**Color**

**Hex(7A8B79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A8B79
RGB	122, 139, 121
RGB Percent	48%, 55%, 47%
CMY	0.5216, 0.4549, 0.5255
CMYK	0.12, 0.00, 0.13, 0.45
HSL	117°, 7%, 51%
HSV	117°, 13%, 55%
XYZ	20.7098, 23.9833, 21.6269
YIQ	131.8650, -4.3540, -9.2020

# Conversions

## Conversions Part 2

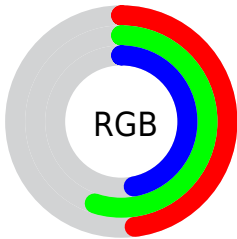
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 139, 138
Decimal	8031097
CIELab	56.07, -9.78, 7.57
CIELCh	56, 12.365, 142.260
Yxy	23.9833, 0.3123, 0.3616
Android (android.graphics.Color)	4286221177 (0xFF7A8B79)
YUV	131.8650, -5.3564, -8.6516
Hunter-Lab	48.9727, -10.2173, 8.0978

# Details

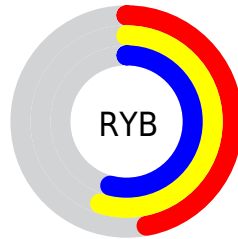
The Hex color **7A8B79** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A798B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AEC1AD**, and **495948** is the 20% darker color. If you saturate the color by 10%, you get **6D8B6B**, and if you desaturate by 10%, it is **878B87**.

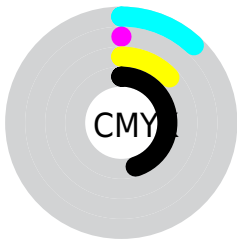
# Distribution



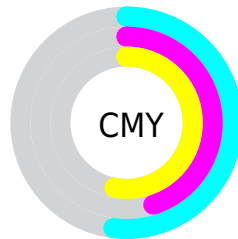
- Red (48%)
- Green (55%)
- Blue (47%)



- Red (47%)
- Yellow (55%)
- Blue (54%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (52%)
- Magenta (45%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8B79 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 7A8B79 by changing the saturation by 10% instead.





7A8B79



7A8B79

FFFFFF



617260



AEC1AD



495948



CADCC9



324232



E6F9E5



1D2B1D



051703



000000



7A8B79



7A8B79



6D8B6B



878B87



608B5D



948B95

■ 538B4F

■ A18BA3

■ 458B41

■ AF8BB1

■ 388B34

■ BC8BBE

■ 2B8B26

■ C98BCC

■ 1E8B18

■ D68BDA

■ 118B0A

■ E38BE8

■ 088B00

■ F08BF6

# Harmonies

## Analogous

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



868872



7A8B79



708D83

# Triad

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



7A8B79



77889B



9D7F7F

# Complementary

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



7A8B79



8A798B

# 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.



9A7F8A



7A8B79



85859A

# Square

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



7A8B79



6D8B97



928194



9A8176

# Rectangle

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



7A8B79



6C8D8B



928194



9D7F82



# Sweetspot

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



7A8B79



AEB5AE



8B8A79



575C57



DBDBDB



5C5C5C



# Same Dimension

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



7A8B79



9AB598



798B81



3E453E



078500



000500



# Inverse Universe

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



8A798B



B398B5



8B7983



443E45



7D0085

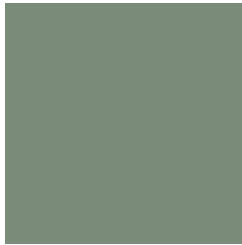


050005



# Previews

## White Background



This preview shows how the Hex color 7A8B79 looks on a white background.

## Color Contrast Check

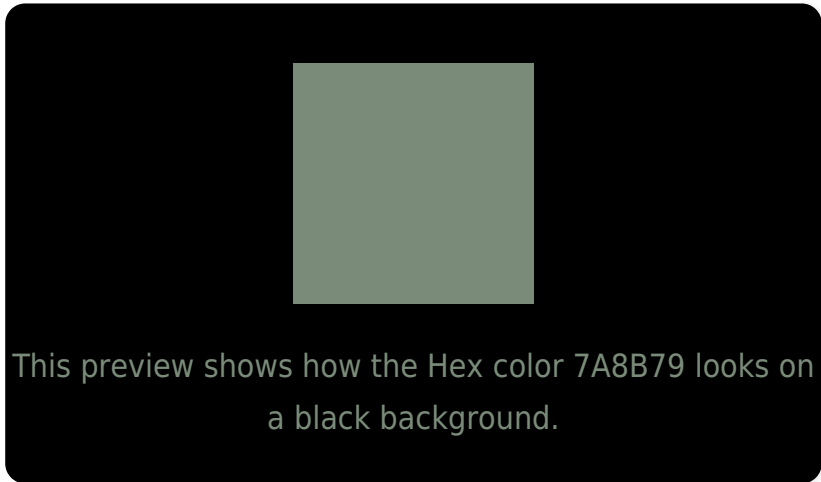
Large Text (above 18pt) WCAG AA ✓ Pass

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

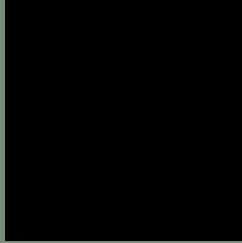
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

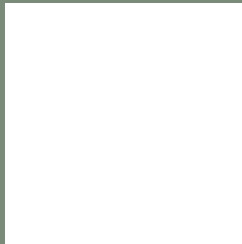
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7A8B79 Background



This preview shows how black text looks on a background with the Hex color 7A8B79.



This preview shows how white text looks on a background with the Hex color 7A8B79.

# 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



**Original Color**

7A8B79

**Protanopia**

8C8676

**Deuteranopia**

97817B



**Tritanopia**  
7E8792

# Trichromacy



**Original Color**  
7A8B79

**Protanomaly**  
858877

**Deuteranomaly**  
8C857A

**Tritanomaly**  
7D8889

# Monochromacy



**Original Color**  
7A8B79

**Achromatopsia**  
848484

**Achromatomaly**  
808780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8B79 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 #7A8B79 looks like.

```
.text, #text, p{  
    color:#7A8B79  
}
```

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 #7A8B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8B79
}
```

## Border

The CSS property to change the border of an element to Hex 7A8B79 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
#7A8B79 }
```

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

```
.border{ border-color:#7A8B79 }
```

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

Here you see how a box with a 4 pixel #7A8B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8B79; -webkit-box-shadow:4px 4px  
4px 4px #7A8B79; box-shadow:4px 4px 4px  
4px #7A8B79 }
```

# Background

The CSS property to change the background color of an element to Hex 7A8B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8B79 }
```

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

```
.background{ background-color:#7A8B79 }
```

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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