

# Converting Colors

Hex(7A8C79)

Have a look what the booklet for  
Hex(7A8C79) contains.

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# Color

**Hex(7A8C79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A8C79
RGB	122, 140, 121
RGB Percent	48%, 55%, 47%
CMY	0.5216, 0.4510, 0.5255
CMYK	0.13, 0.00, 0.14, 0.45
HSL	117°, 8%, 51%
HSV	117°, 14%, 55%
XYZ	20.8553, 24.2742, 21.6754
YIQ	132.4520, -4.6290, -9.7250

# Conversions

## Conversions Part 2

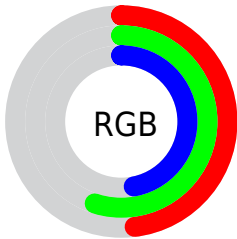
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 140, 139
Decimal	8031353
CIELab	56.36, -10.33, 7.98
CIELCh	56, 13.052, 142.299
Yxy	24.2742, 0.3122, 0.3634
Android (android.graphics.Color)	4286221433 (0xFF7A8C79)
YUV	132.4520, -5.6458, -9.1664
Hunter-Lab	49.2689, -10.6622, 8.4042

# Details

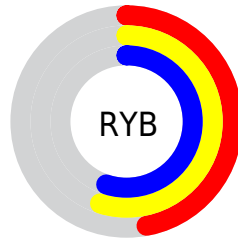
The Hex color **7A8C79** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B798C**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **AFC2AD**, and **495A48** is the 20% darker color. If you saturate the color by 10%, you get **6D8C6B**, and if you desaturate by 10%, it is **878C87**.

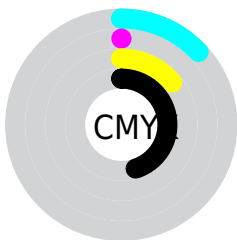
# Distribution



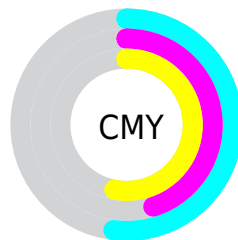
- Red (48%)
- Green (55%)
- Blue (47%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7A8C79 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 7A8C79 by changing the saturation by 10% instead.



 7A8C79

 7A8C79

FFFFFF

 617260

 AFC2AD

 495A48

 CADD9

 324232

 E6FAE5

 1D2C1D

 051803

 000000

 7A8C79

 7A8C79

 6D8C6B

 878C87

 5F8C5D

 958C95

■ 528C4F

■ A28CA3

■ 458C41

■ AF8CB1

■ 388C33

■ BC8CBF

■ 2A8C25

■ CA8CCD

■ 1D8C17

■ D78CDB

■ 108C09

■ E48CE9

■ 078C00

■ F18CF7

# Harmonies

## Analogous

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



878972



7A8C79



6F8E84

# Triad

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



7A8C79



77899D



9F807F

# Complementary

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



7A8C79



8B798C

# 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.



9C808B



7A8C79



86859C

# Square

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



7A8C79



6C8C99



938295



9C8276

# Rectangle

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



7A8C79



6B8E8C



938295



9F7F83



# Sweetspot

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



7A8C79



AEB5AE



8C8B79



575C57



DBDBDB



5C5C5C



# Same Dimension

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



7A8C79



9AB598



798C81



3E453E



078500



000500



# Inverse Universe

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



8B798C



B498B5



8C7984



443E45



7E0085

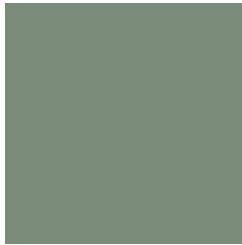


050005



# Previews

## White Background



This preview shows how the Hex color 7A8C79 looks on a white background.

## Color Contrast Check

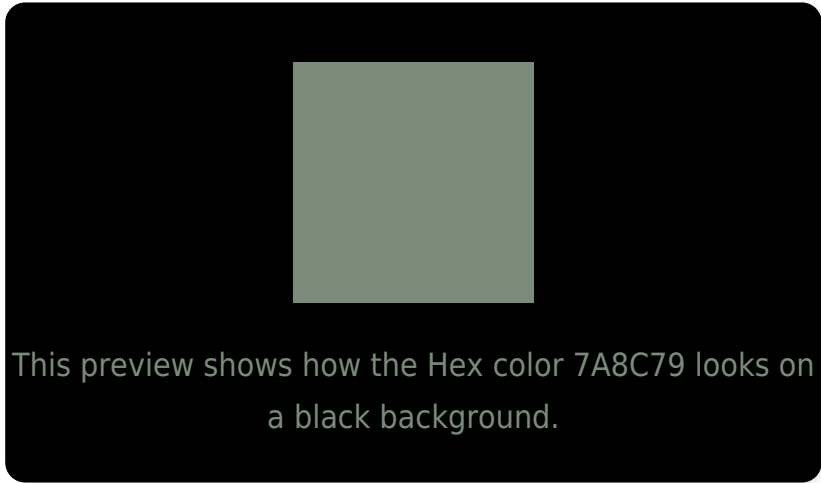
Large Text (above 18pt) WCAG AA ✓ Pass

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

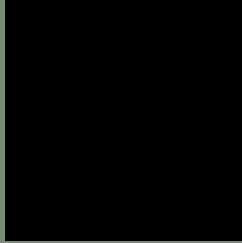
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7A8C79 Background



This preview shows how black text looks on a background with the Hex color 7A8C79.



This preview shows how white text looks on a background with the Hex color 7A8C79.

# 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](#).

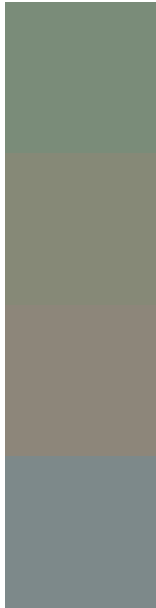
## Dichromacy





**Tritanopia**  
7E8893

# Trichromacy



**Original Color**  
7A8C79

**Protanomaly**  
868977

**Deuteranomaly**  
8D867A

**Tritanomaly**  
7D898A

# Monochromacy



**Original Color**  
7A8C79

**Achromatopsia**  
848484

**Achromatomaly**  
808780

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7A8C79 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 #7A8C79 looks like.

```
.text, #text, p{  
    color:#7A8C79  
}
```

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 #7A8C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8C79
}
```

## Border

The CSS property to change the border of an element to Hex 7A8C79 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
#7A8C79 }
```

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

```
.border{ border-color:#7A8C79 }
```

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

Here you see how a box with a 4 pixel #7A8C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8C79; -webkit-box-shadow:4px 4px  
4px 4px #7A8C79; box-shadow:4px 4px 4px  
4px #7A8C79 }
```

# Background

The CSS property to change the background color of an element to Hex 7A8C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8C79 }
```

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

```
.background{ background-color:#7A8C79 }
```

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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