

Converting Colors

Hex(7A8B7A)

Have a look what the booklet for
Hex(7A8B7A) contains.

Hex(7A8B7A)	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(7A8B7A)

Conversions

Conversions Part 1

Format	Color
Hex	7A8B7A
RGB	122, 139, 122
RGB Percent	48%, 55%, 48%
CMY	0.5216, 0.4549, 0.5216
CMYK	0.12, 0.00, 0.12, 0.45
HSL	120°, 7%, 51%
HSV	120°, 12%, 55%
XYZ	20.7715, 24.0080, 21.9516
YIQ	131.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

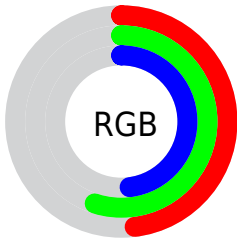
Format	Color
RYB	122, 139, 139
Decimal	8031098
CIELab	56.10, -9.59, 7.03
CIELCh	56, 11.888, 143.747
Yxy	24.0080, 0.3113, 0.3598
Android (android.graphics.Color)	4286221178 (0xFF7A8B7A)
YUV	131.9790, -4.9196, -8.7516
Hunter-Lab	48.9979, -10.0755, 7.7360

Details

The Hex color **7A8B7A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B7A8B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **AEC0AE**, and **495949** is the 20% darker color. If you saturate the color by 10%, you get **6C8B6C**, and if you desaturate by 10%, it is **888B88**.

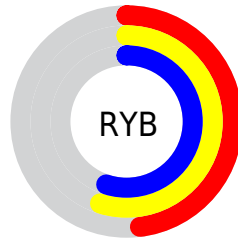
Distribution



Red (48%)

Green (55%)

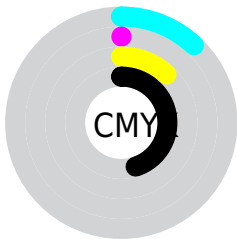
Blue (48%)



Red (48%)

Yellow (55%)

Blue (55%)

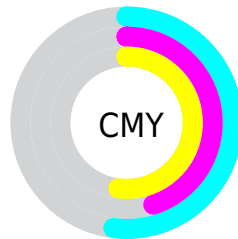


Cyan (12%)

Magenta (0%)

Yellow (12%)

Black (45%)



Cyan (52%)

Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8B7A 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 7A8B7A by changing the saturation by 10% instead.

 7A8B7A

 7A8B7A

FFFFFF

 617261

 AEC0AE

 495949


 CADCCA

 334233

 E6F9E6

 1D2B1E

 051705

 000000

 7A8B7A

 7A8B7A

 6C8B6C

 888B88

 5E8B5E

 968B96

■ 508B50

■ A48BA4

■ 428B42

■ B28BB2

■ 358B35

■ C08BC0

■ 278B27

■ CD8BCD

■ 198B19

■ DB8BDB

■ 0B8B0B

■ E98BE9

■ 008B00

■ F78BF7

Harmonies

Analogous

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



868874



7A8B7A



708C84

Triad

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



7A8B7A



79889B



9D807F

Complementary

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



7A8B7A



8B7A8B

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.



9A8089



7A8B7A



868599

Square

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



7A8B7A



6F8B97



928193



998276

Rectangle

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



7A8B7A



6D8D8B



928193



9C7F82

Sweetspot

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



7A8B7A



AEB5AE



8B8B7A



575C57



DBDBDB



5C5C5C

Same Dimension

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



7A8B7A



9AB59A



7A8B83



3E453E



008500



000500

Inverse Universe

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



8B7A8B



B59AB5



8B7A83



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 7A8B7A looks on a white background.

Color Contrast Check

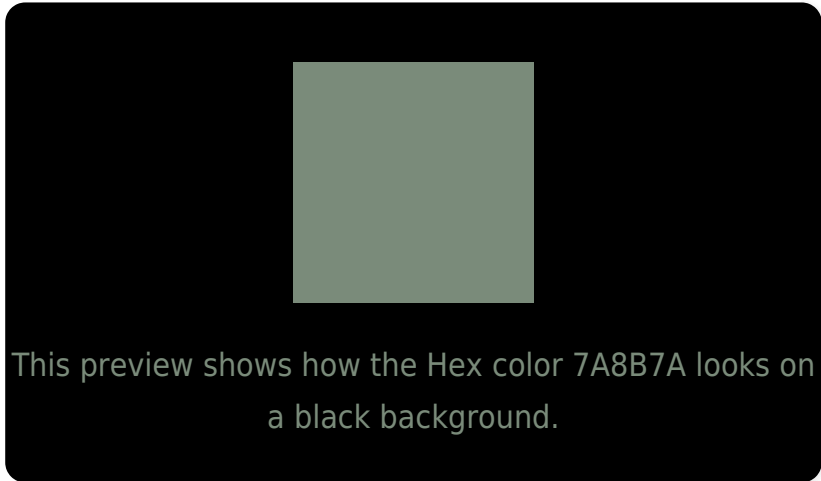
Large Text (above 18pt) WCAG AA ✓ Pass

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

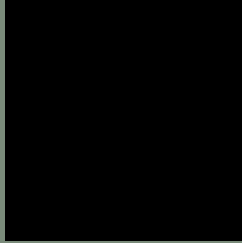
Any Text WCAG AA ✓ Pass

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 7A8B7A Background



This preview shows how black text looks on a background with the Hex color 7A8B7A.



This preview shows how white text looks on a background with the Hex color 7A8B7A.

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

7A8B7A

Protanopia

8C8677

Deuteranopia

97827C



Tritanopia
7E8892

Trichromacy



Original Color
7A8B7A

Protanomaly
858878

Deuteranomaly
8C857B

Tritanomaly
7D8989

Monochromacy



Original Color
7A8B7A

Achromatopsia
848484

Achromatomaly
808780

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8B7A 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 #7A8B7A looks like.

```
.text, #text, p{  
    color:#7A8B7A  
}
```

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 #7A8B7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8B7A
}
```

Border

The CSS property to change the border of an element to Hex 7A8B7A 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
#7A8B7A }
```

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

```
.border{ border-color:#7A8B7A }
```

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

Here you see how a box with a 4 pixel #7A8B7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8B7A; -webkit-box-shadow:4px 4px  
4px 4px #7A8B7A; box-shadow:4px 4px 4px  
4px #7A8B7A }
```

Background

The CSS property to change the background color of an element to Hex 7A8B7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8B7A }
```

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

```
.background{ background-color:#7A8B7A }
```

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