

# Converting Colors

Hex(7F968E)

Have a look what the booklet for  
Hex(7F968E) contains.

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# Color

Hex(7F968E)

# Conversions

## Conversions Part 1

Format	Color
Hex	7F968E
RGB	127, 150, 142
RGB Percent	50%, 59%, 56%
CMY	0.5020, 0.4118, 0.4431
CMYK	0.15, 0.00, 0.05, 0.41
HSL	159°, 10%, 54%
HSV	159°, 15%, 59%
XYZ	24.5412, 28.2777, 29.7559
YIQ	142.2110, -11.1400, -7.3640

# Conversions

## Conversions Part 2

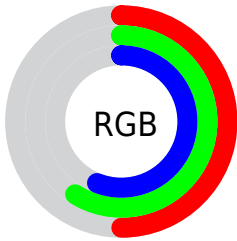
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 141, 150
Decimal	8361614
CIE <sub>Lab</sub>	60.14, -9.80, 1.49
CIE <sub>LCh</sub>	60, 9.909, 171.376
Yxy	28.2777, 0.2972, 0.3424
Android (android.graphics.Color)	4286551694 (0xFF7F968E)
YUV	142.2110, -0.1040, -13.3400
Hunter-Lab	53.1768, -10.6812, 4.0471

# Details

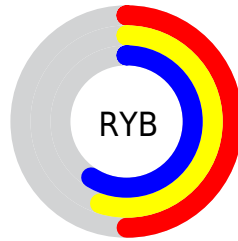
The Hex color **7F968E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **967F87**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B4CCC4**, and **4E635C** is the 20% darker color. If you saturate the color by 10%, you get **709689**, and if you desaturate by 10%, it is **8E9693**.

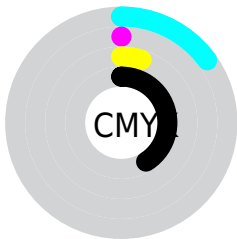
# Distribution



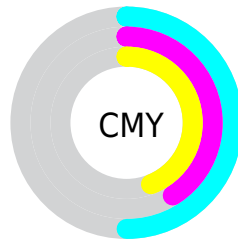
- Red (50%)
- Green (59%)
- Blue (56%)



- Red (50%)
- Yellow (55%)
- Blue (59%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F968E 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 7F968E by changing the saturation by 10% instead.



7F968E

7F968E

FFFFFF

667C74

B4CCC4

4E635C

D0E8E0

374B44

ECFFFC

21352E

0C1F1A

000100

000000

7F968E

7F968E

709689

8E9693

619684

9D9698

52967E

AC969E

439679

BB96A3

349674

CA96A8

25966F

D996AD

169669

E896B3

079664

F796B8

009662

FF96BD

# Harmonies

## Analogous

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



879586



7F968E



7B9697

# Triad

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



7F968E



9090A1



A18D84

# Complementary

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



7F968E



967F87

# 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.



A48B8B



7F968E



9A8D9C

# Square

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



7F968E



8592A2



A18B94



9B8F80

# Rectangle

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



7F968E



7C959C



A18B94



A38C86



# Sweetspot

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



7F968E



B8C2BE



87967F



5B615F



E0E0E0



616161



# Same Dimension

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



7F968E



9FC2B6



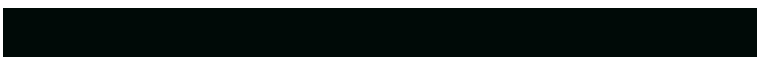
7F9396



434A47



008A5A



000A07



# Inverse Universe

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



967F87



C29FAB



96827F



4A4345



8A0030



0A0004



# Previews

## White Background



This preview shows how the Hex color 7F968E looks on a white background.

## Color Contrast Check

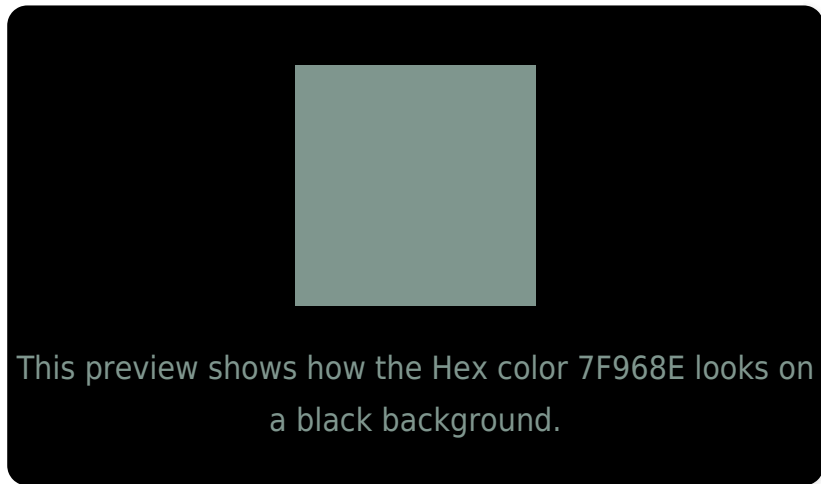
Large Text (above 18pt) WCAG AA ✓ Pass

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

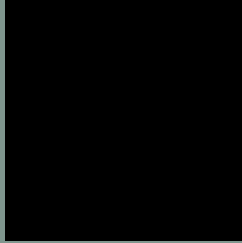
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

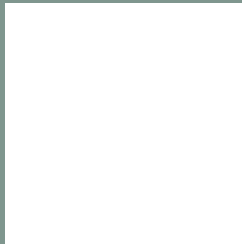
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F968E Background



This preview shows how black text looks on a background with the Hex color 7F968E.

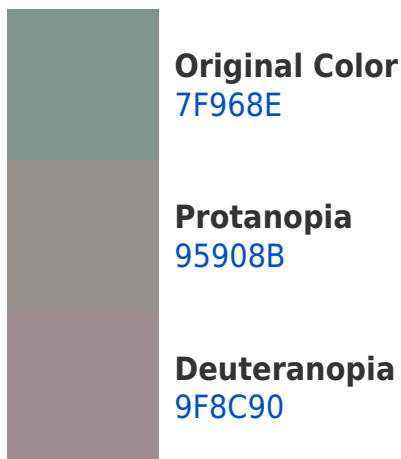


This preview shows how white text looks on a background with the Hex color 7F968E.

# 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**  
82939F

# Trichromacy



**Original Color**  
7F968E

**Protanomaly**  
8D928C

**Deuteranomaly**  
93908F

**Tritanomaly**  
819499

# Monochromacy



**Original Color**  
7F968E

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
89918E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F968E 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 #7F968E looks like.

```
.text, #text, p{  
    color:#7F968E  
}
```

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 #7F968E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F968E
}
```

## Border

The CSS property to change the border of an element to Hex 7F968E 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
#7F968E }
```

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

```
.border{ border-color:#7F968E }
```

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

Here you see how a box with a 4 pixel #7F968E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F968E; -webkit-box-shadow:4px 4px  
4px 4px #7F968E; box-shadow:4px 4px 4px  
4px #7F968E }
```

# Background

The CSS property to change the background color of an element to Hex 7F968E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F968E }
```

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

```
.background{ background-color:#7F968E }
```

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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