

# Converting Colors

Hex(7C948E)

Have a look what the booklet for  
Hex(7C948E) contains.

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# Color

Hex(7C948E)

# Conversions

## Conversions Part 1

Format	Color
Hex	7C948E
RGB	124, 148, 142
RGB Percent	49%, 58%, 56%
CMY	0.5137, 0.4196, 0.4431
CMYK	0.16, 0.00, 0.04, 0.42
HSL	165°, 10%, 53%
HSV	165°, 16%, 58%
XYZ	23.7846, 27.4179, 29.6298
YIQ	140.1400, -12.3780, -6.9540

# Conversions

## Conversions Part 2

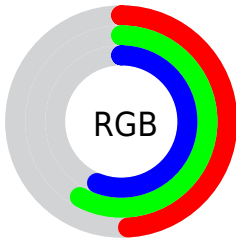
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 138, 148
Decimal	8164494
CIELab	59.36, -9.74, 0.33
CIELCh	59, 9.748, 178.088
Yxy	27.4179, 0.2942, 0.3392
Android (android.graphics.Color)	4286354574 (0xFF7C948E)
YUV	140.1400, 0.9170, -14.1548
Hunter-Lab	52.3621, -10.5531, 3.1034

# Details

The Hex color **7C948E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **947C82**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B1CAC4**, and **4B615C** is the 20% darker color. If you saturate the color by 10%, you get **6D948A**, and if you desaturate by 10%, it is **8B9492**.

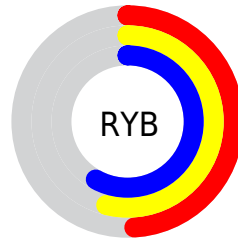
# Distribution



Red (49%)

Green (58%)

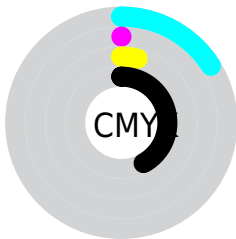
Blue (56%)



Red (49%)

Yellow (54%)

Blue (58%)

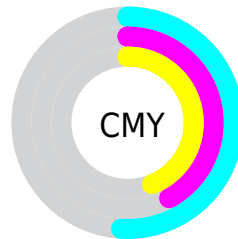


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C948E 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 7C948E by changing the saturation by 10% instead.





7C948E



7C948E

FFFFFF



637A74



B1CAC4



4B615C



CCE6E0



344A44



E9FFFC



1E332E



091E1A



000000



7C948E



7C948E



6D948A



8B9492



5E9487



9A9495

■ 509483

■ A89499

■ 41947F

■ B7949D

■ 32947C

■ C694A1

■ 239478

■ D594A4

■ 149474

■ E494A8

■ 069470

■ F294AC

■ 00946F

■ FF94AF

# Harmonies

## Analogous

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



839386



7C948E



799497

# Triad

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



7C948E



908D9E



9E8B81

# Complementary

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



7C948E



947C82

# 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.



A18A87



7C948E



9A8A98

# Square

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



7C948E



8590A0



A08990



978E7E

# Rectangle

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



7C948E



7B939B



A08990



A08B82



# Sweetspot

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



7C948E



B6BFBD



82947C



5B615F



E0E0E0



616161



# Same Dimension

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



7C948E



9BBFB6



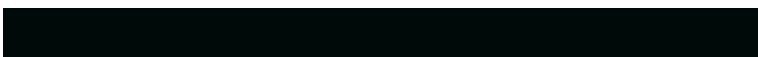
7C8E94



434A48



008A67



000A08



# Inverse Universe

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



947C82



BF9BA4



94827C



4A4344



8A0022



0A0003



# Previews

## White Background



This preview shows how the Hex color 7C948E looks on a white background.

## Color Contrast Check

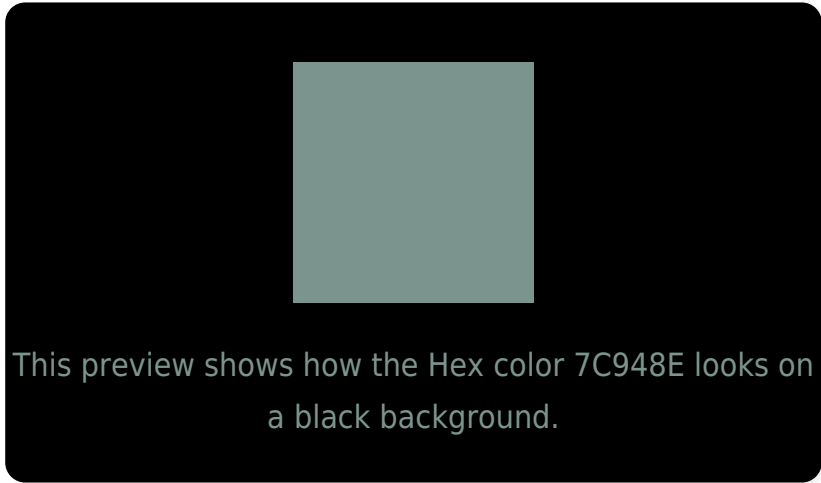
Large Text (above 18pt) WCAG AA ✓ Pass

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

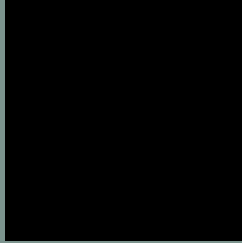
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

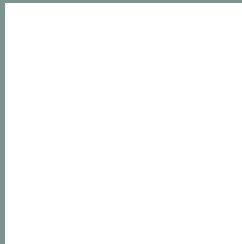
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C948E Background



This preview shows how black text looks on a background with the Hex color 7C948E.



This preview shows how white text looks on a background with the Hex color 7C948E.

# 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](#).

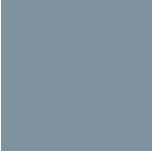
## Dichromacy



**Original Color**  
7C948E

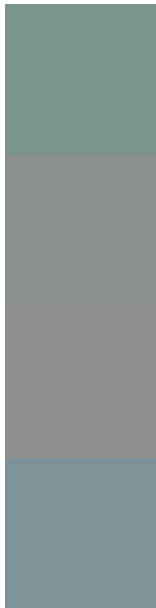
**Protanopia**  
928E8B

**Deuteranopia**  
9C8A90



**Tritanopia**  
7F929D

# Trichromacy



**Original Color**  
7C948E

**Protanomaly**  
8A908C

**Deuteranomaly**  
908E8F

**Tritanomaly**  
7E9398

# Monochromacy



**Original Color**  
7C948E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
868F8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C948E 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 #7C948E looks like.

```
.text, #text, p{  
  color:#7C948E  
}
```

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 #7C948E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C948E
}
```

## Border

The CSS property to change the border of an element to Hex 7C948E 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
#7C948E }
```

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

```
.border{ border-color:#7C948E }
```

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

Here you see how a box with a 4 pixel #7C948E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C948E; -webkit-box-shadow:4px 4px  
4px 4px #7C948E; box-shadow:4px 4px 4px  
4px #7C948E }
```

# Background

The CSS property to change the background color of an element to Hex 7C948E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C948E }
```

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

```
.background{ background-color:#7C948E }
```

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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