

# Converting Colors

Hex(4F8A7C)

Have a look what the booklet for  
Hex(4F8A7C) contains.

<b>Hex(4F8A7C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4F8A7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F8A7C
RGB	79, 138, 124
RGB Percent	31%, 54%, 49%
CMY	0.6902, 0.4588, 0.5137
CMYK	0.43, 0.00, 0.10, 0.46
HSL	166°, 27%, 43%
HSV	166°, 43%, 54%
XYZ	15.9510, 21.2945, 22.3383
YIQ	118.7630, -30.6700, -16.8620

# Conversions

## Conversions Part 2

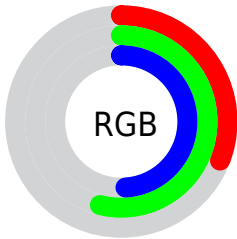
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 112, 138
Decimal	5212796
CIELab	53.27, -22.78, 1.47
CIELCh	53, 22.831, 176.299
Yxy	21.2945, 0.2677, 0.3574
Android (android.graphics.Color)	4283402876 (0xFF4F8A7C)
YUV	118.7630, 2.5818, -34.8722
Hunter-Lab	46.1459, -19.0542, 3.6010

# Details

The Hex color **4F8A7C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A4F5D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **83C0B0**, and **1B584B** is the 20% darker color. If you saturate the color by 10%, you get **418A79**, and if you desaturate by 10%, it is **5D8A7F**.

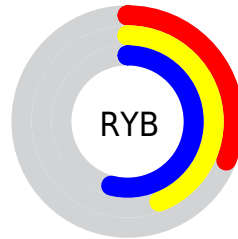
# Distribution



Red (31%)

Green (54%)

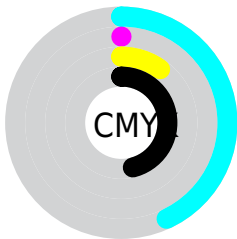
Blue (49%)



Red (31%)

Yellow (44%)

Blue (54%)

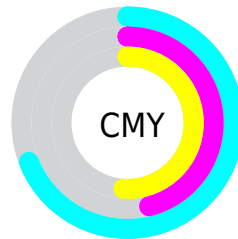


Cyan (43%)

Magenta (0%)

Yellow (10%)

Black (46%)



Cyan (69%)

Magenta (46%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F8A7C 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 4F8A7C by changing the saturation by 10% instead.





4F8A7C



4F8A7C

FFFFFF



357063



83C0B0



1B584B



9EDCCC



004035



BAF8E8



002920



D6FFFF



001408



F3FFFF



000000



4F8A7C



4F8A7C



418A79



5D8A7F



338A75



6B8A83

■ 268A72

■ 788A86

■ 188A6F

■ 868A89

■ 0A8A6C

■ 948A8C

■ 008A69

■ A28A90

■ B08A93

■ BD8A96

■ CB8A99

# Harmonies

## Analogous

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



648869



4F8A7C



428A90

# Triad

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



4F8A7C



7F7BA2



9F775F

# Complementary

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



4F8A7C



8A4F5D

# 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.



A7726F



4F8A7C



967595

# Square

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



4F8A7C



6382A6



A47182



907D58

# Rectangle

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



4F8A7C



45889B



A47182



A37564



# Sweetspot

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



4F8A7C



9BB3AD



5E8A4F



4B5956



D9D9D9



595959



# Same Dimension

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



4F8A7C



57B39D



4F7B8A



3E4543



008565



000504



# Inverse Universe

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



8A4F5D



B3576D



8A5E4F



453E40



85001F



050001



# Previews

## White Background



This preview shows how the Hex color 4F8A7C looks on a white background.

## Color Contrast Check

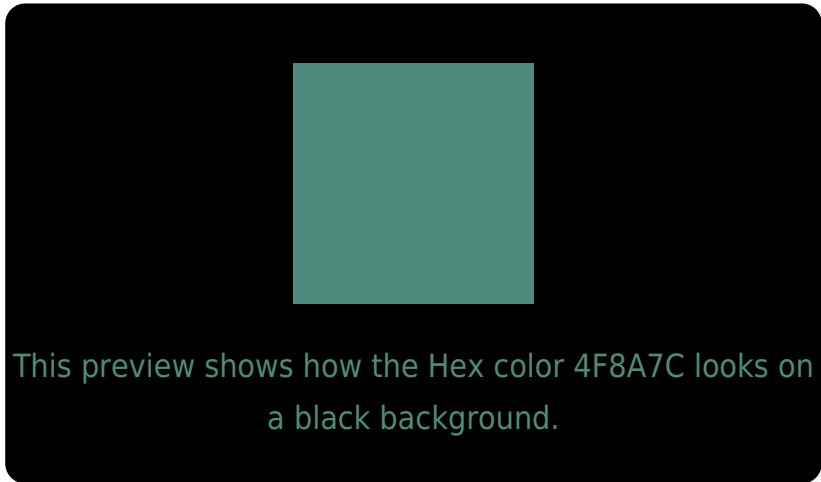
Large Text (above 18pt) WCAG AA ✓ Pass

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

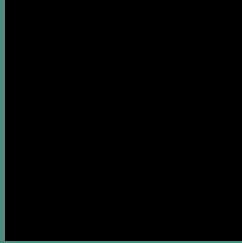
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4F8A7C Background



This preview shows how black text looks on a background with the Hex color 4F8A7C.

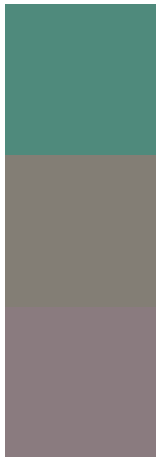


This preview shows how white text looks on a background with the Hex color 4F8A7C.

# 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**  
4F8A7C

**Protanopia**  
837E75

**Deuteranopia**  
8A7B7F



**Tritanopia**  
558792

# Trichromacy



**Original Color**  
4F8A7C

**Protanomaly**  
708278

**Deuteranomaly**  
75807E

**Tritanomaly**  
53888A

# Monochromacy



**Original Color**  
4F8A7C

**Achromatopsia**  
777777

**Achromatomaly**  
687E79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F8A7C 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 #4F8A7C looks like.

```
.text, #text, p{  
    color:#4F8A7C  
}
```

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 #4F8A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8A7C  
}
```

## Border

The CSS property to change the border of an element to Hex 4F8A7C 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  
#4F8A7C }
```

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

```
.border{ border-color:#4F8A7C }
```

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

Here you see how a box with a 4 pixel #4F8A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8A7C; -webkit-box-shadow:4px 4px  
4px 4px #4F8A7C; box-shadow:4px 4px 4px  
4px #4F8A7C }
```

# Background

The CSS property to change the background color of an element to Hex 4F8A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8A7C }
```

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

```
.background{ background-color:#4F8A7C }
```

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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