

Converting Colors

Hex(4F7E7C)

Have a look what the booklet for
Hex(4F7E7C) contains.

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Color

Hex(4F7E7C)

Conversions

Conversions Part 1

Format	Color
Hex	4F7E7C
RGB	79, 126, 124
RGB Percent	31%, 49%, 49%
CMY	0.6902, 0.5059, 0.5137
CMYK	0.37, 0.00, 0.02, 0.51
HSL	177°, 23%, 40%
HSV	177°, 37%, 49%
XYZ	14.3234, 18.0392, 21.7958
YIQ	111.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

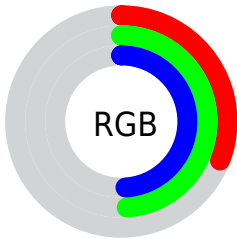
Format	Color
RYB	79, 103, 126
Decimal	5209724
CIELab	49.54, -16.44, -3.99
CIElCh	50, 16.917, 193.638
Yxy	18.0392, 0.2645, 0.3331
Android (android.graphics.Color)	4283399804 (0xFF4F7E7C)
YUV	111.7190, 6.0545, -28.6946
Hunter-Lab	42.4726, -14.1300, -0.6952

Details

The Hex color **4F7E7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4F51**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **82B3B0**, and **1D4D4B** is the 20% darker color. If you saturate the color by 10%, you get **427E7B**, and if you desaturate by 10%, it is **5C7E7D**.

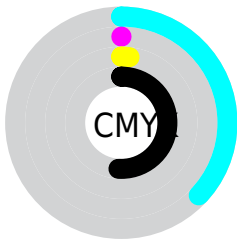
Distribution



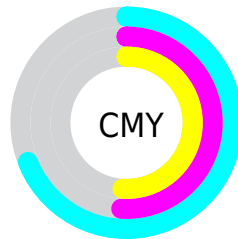
- Red (31%)
- Green (49%)
- Blue (49%)



- Red (31%)
- Yellow (40%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7E7C 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 4F7E7C by changing the saturation by 10% instead.



4F7E7C



4F7E7C

FFFFFF



366563



82B3B0



1D4D4B



9DCECC



003635



B9EBE8



002020



D5FFFF



000008



F2FFFF



000000



4F7E7C



4F7E7C



427E7B



5C7E7D



367E7B



687E7D

■ 297E7A

■ 757E7E

■ 1D7E7A

■ 817E7E

■ 107E79

■ 8E7E7F

■ 037E79

■ 9B7E7F

■ 007E79

■ A77E80

■ B47E80

■ C07E81

Harmonies

Analogous

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



5A7D6D



4F7E7C



4F7D89

Triad

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



4F7E7C



80708B



88725B

Complementary

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



4F7E7C



7E4F51

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.



916E63



4F7E7C



8E6C7E

Square

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



4F7E7C



6E7591



936C70



7A775A

Rectangle

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



4F7E7C



567B8F



936C70



8C715D

Sweetspot

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



4F7E7C



91A3A2



517E4F



475251



D1D1D1



525252

Same Dimension

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



4F7E7C



5AA3A0



4F697E



39403F



00807A



000000

Inverse Universe

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



7E4F51



A35A5D



7E644F



40393A



800005



000000

Previews

White Background



This preview shows how the Hex color 4F7E7C looks on a white background.

Color Contrast Check

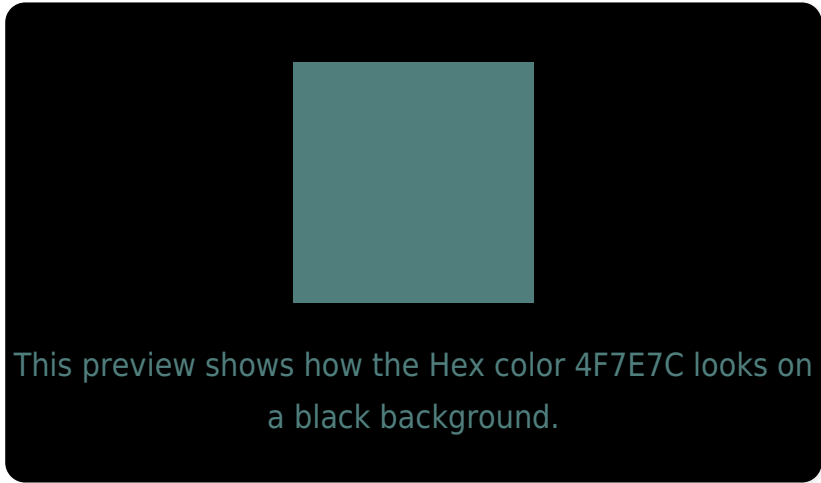
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

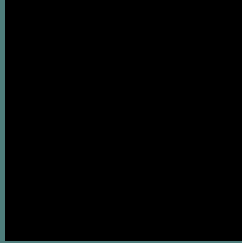
Any Text WCAG AA ✓ Pass

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 4F7E7C Background



This preview shows how black text looks on a background with the Hex color 4F7E7C.




This preview shows how white text looks on a background with the Hex color 4F7E7C.

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](#).

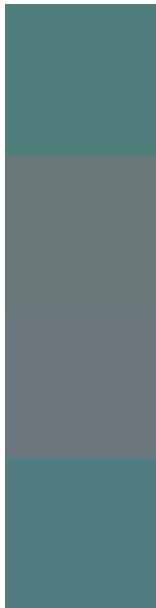
Dichromacy





Tritanopia
527C86

Trichromacy



Original Color
4F7E7C

Protanomaly
687879

Deuteranomaly
6C767E

Tritanomaly
517D82

Monochromacy



Original Color
4F7E7C

Achromatopsia
707070

Achromatomaly
647574

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7E7C 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 #4F7E7C looks like.

```
.text, #text, p{  
    color:#4F7E7C  
}
```

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 #4F7E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7E7C
}
```

Border

The CSS property to change the border of an element to Hex 4F7E7C 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
#4F7E7C }
```

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

```
.border{ border-color:#4F7E7C }
```

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

Here you see how a box with a 4 pixel #4F7E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7E7C; -webkit-box-shadow:4px 4px  
4px 4px #4F7E7C; box-shadow:4px 4px 4px  
4px #4F7E7C }
```

Background

The CSS property to change the background color of an element to Hex 4F7E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7E7C }
```

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

```
.background{ background-color:#4F7E7C }
```

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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