

Converting Colors

Hex(4F7A77)

Have a look what the booklet for
Hex(4F7A77) contains.

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Color

Hex(4F7A77)

Conversions

Conversions Part 1

Format	Color
Hex	4F7A77
RGB	79, 122, 119
RGB Percent	31%, 48%, 47%
CMY	0.6902, 0.5216, 0.5333
CMYK	0.35, 0.00, 0.02, 0.52
HSL	176°, 21%, 39%
HSV	176°, 35%, 48%
XYZ	13.5138, 16.9132, 20.0051
YIQ	108.8010, -24.6650, -10.0490

Conversions

Conversions Part 2

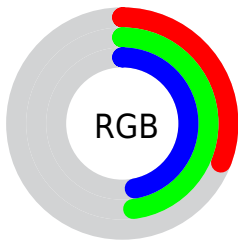
Format	Color
R_{YB}	79, 101, 122
Decimal	5208695
CIE Lab	48.15, -15.55, -3.09
CIE LCh	48, 15.851, 191.259
Yxy	16.9132, 0.2680, 0.3354
Android (android.graphics.Color)	4283398775 (0xFF4F7A77)
YUV	108.8010, 5.0281, -26.1355
Hunter-Lab	41.1257, -13.3156, -0.0529

Details

The Hex color **4F7A77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4F52**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **82AFAB**, and **1E4947** is the 20% darker color. If you saturate the color by 10%, you get **437A76**, and if you desaturate by 10%, it is **5B7A78**.

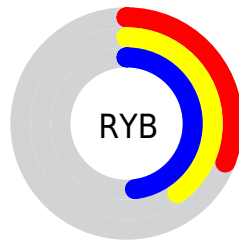
Distribution



Red (31%)

Green (48%)

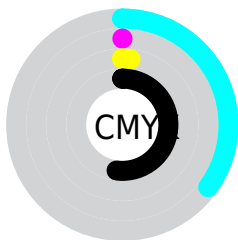
Blue (47%)



Red (31%)

Yellow (40%)

Blue (48%)

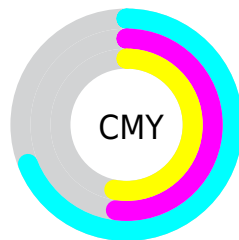


Cyan (35%)

Magenta (0%)

Yellow (2%)

Black (52%)



Cyan (69%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7A77 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 4F7A77 by changing the saturation by 10% instead.



4F7A77



4F7A77

FFFFFF



36615E



82AFAB



1E4947



9DCAC6



033230



B8E6E2



001E1C



D4FFFF



000000



F1FFFF



4F7A77



4F7A77



437A76



5B7A78



377A75



677A79

■ 2A7A74

■ 747A7A

■ 1E7A74

■ 807A7A

■ 127A73

■ 8C7A7B

■ 067A72

■ 987A7C

■ 007A71

■ A47A7D

■ B17A7E

■ BD7A7F

Harmonies

Analogous

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



597969



4F7A77



4E7983

Triad

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



4F7A77



7B6D86



846F59

Complementary

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



4F7A77



7A4F52

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.



8C6B61



4F7A77



886A7B

Square

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



4F7A77



69728C



8E696E



777358

Rectangle

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



4F7A77



547789



8E696E



876D5B

Sweetspot

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



4F7A77



8D9E9D



537A4F



454F4E



CFCFCF



4F4F4F

Same Dimension

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



4F7A77



5C9E99



4F687A



373D3D



007D74



00FCEB

Inverse Universe

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



7A4F52



9E5C60



7A614F



3D3738



7D0009



FC0012

Previews

White Background



This preview shows how the Hex color 4F7A77 looks on a white background.

Color Contrast Check

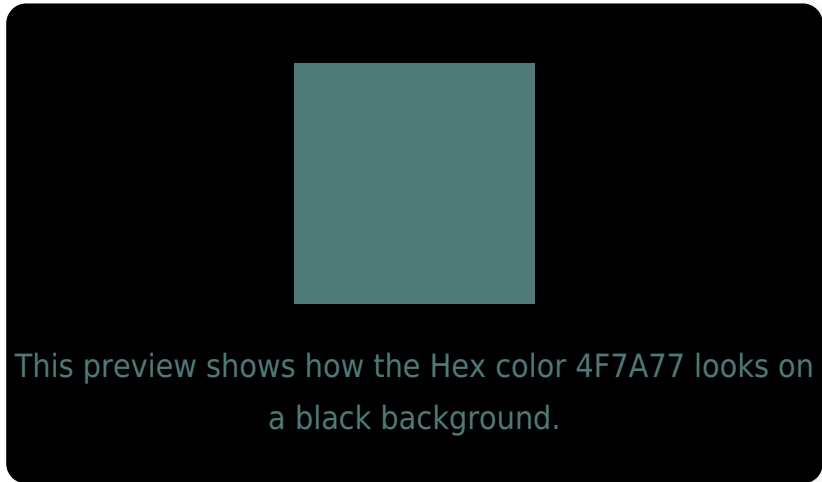
Large Text (above 18pt) WCAG AA ✓ Pass

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

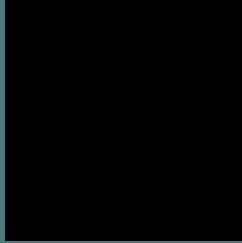
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

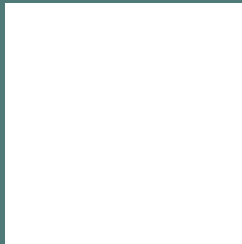
Any Text WCAG AAA × Fail

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

Hex 4F7A77 Background



This preview shows how black text looks on a background with the Hex color 4F7A77.



This preview shows how white text looks on a background with the Hex color 4F7A77.

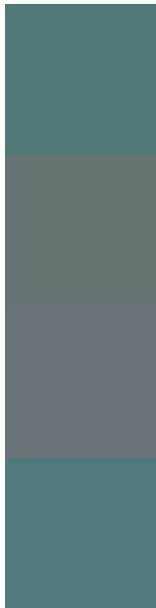
Color Blindness Simulation

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



Trichromacy



Original Color
4F7A77

Protanomaly
677474

Deuteranomaly
6A7378

Tritanomaly
51797E

Monochromacy



Original Color
4F7A77

Achromatopsia
6D6D6D

Achromatomaly
627271

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7A77 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 #4F7A77 looks like.

```
.text, #text, p{  
    color:#4F7A77  
}
```

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 #4F7A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7A77
}
```

Border

The CSS property to change the border of an element to Hex 4F7A77 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
#4F7A77 }
```

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

```
.border{ border-color:#4F7A77 }
```

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

Here you see how a box with a 4 pixel #4F7A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7A77; -webkit-box-shadow:4px 4px  
4px 4px #4F7A77; box-shadow:4px 4px 4px  
4px #4F7A77 }
```

Background

The CSS property to change the background color of an element to Hex 4F7A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7A77 }
```

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

```
.background{ background-color:#4F7A77 }
```

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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