

Converting Colors

Hex(4F7A72)

Have a look what the booklet for
Hex(4F7A72) contains.

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Color

Hex(4F7A72)

Conversions

Conversions Part 1

Format	Color
Hex	4F7A72
RGB	79, 122, 114
RGB Percent	31%, 48%, 45%
CMY	0.6902, 0.5216, 0.5529
CMYK	0.35, 0.00, 0.07, 0.52
HSL	169°, 21%, 39%
HSV	169°, 35%, 48%
XYZ	13.2212, 16.7962, 18.4648
YIQ	108.2310, -23.0600, -11.6040

Conversions

Conversions Part 2

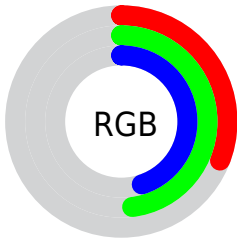
Format	Color
R_{YB}	79, 103, 122
Decimal	5208690
CIE Lab	48.00, -16.80, -0.35
CIE LCh	48, 16.807, 181.206
Yxy	16.7962, 0.2727, 0.3464
Android (android.graphics.Color)	4283398770 (0xFF4F7A72)
YUV	108.2310, 2.8441, -25.6356
Hunter-Lab	40.9832, -14.1363, 1.9755

Details

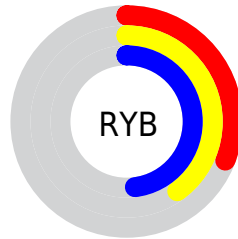
The Hex color **4F7A72** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4F57**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **82AFA6**, and **1E4942** is the 20% darker color. If you saturate the color by 10%, you get **437A70**, and if you desaturate by 10%, it is **5B7A74**.

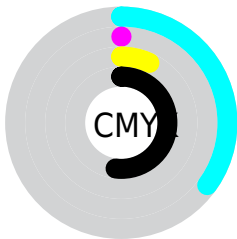
Distribution



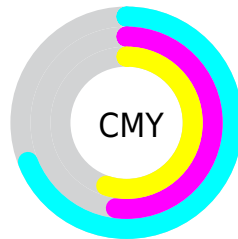
- Red (31%)
- Green (48%)
- Blue (45%)



- Red (31%)
- Yellow (40%)
- Blue (48%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (52%)



- Cyan (69%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7A72 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 4F7A72 by changing the saturation by 10% instead.



4F7A72



4F7A72

FFFFFF



37615A



82AFA6



1E4942



9CCAC1



04322C



B8E6DD



001E18



D4FFF9



000000



F0FFFF



4F7A72



4F7A72



437A70



5B7A74



377A6D



677A77

 2A7A6B

 747A79

 1E7A69

 807A7B

 127A67

 8C7A7D

 067A64

 987A80

 007A63

 A47A82

 B17A84

 BD7A86

Harmonies

Analogous

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



5C7964



4F7A72



4A7980

Triad

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



4F7A72



756E8A



886C5A

Complementary

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



4F7A72



7A4F57

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.



8F6964



4F7A72



856A80

Square

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



4F7A72



62738E



8E6872



7C7156

Rectangle

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



4F7A72



4D7888



8E6872



8B6B5C

Sweetspot

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



4F7A72



8D9E9B



587A4F



454F4D



CFCFCF



4F4F4F

Same Dimension

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



4F7A72



5C9E92



4F6D7A



373D3C



007D66



00FCCD

Inverse Universe

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



7A4F57



9E5C68



7A5C4F



3D3738



7D0017



FC002F

Previews

White Background



This preview shows how the Hex color 4F7A72 looks on a white background.

Color Contrast Check

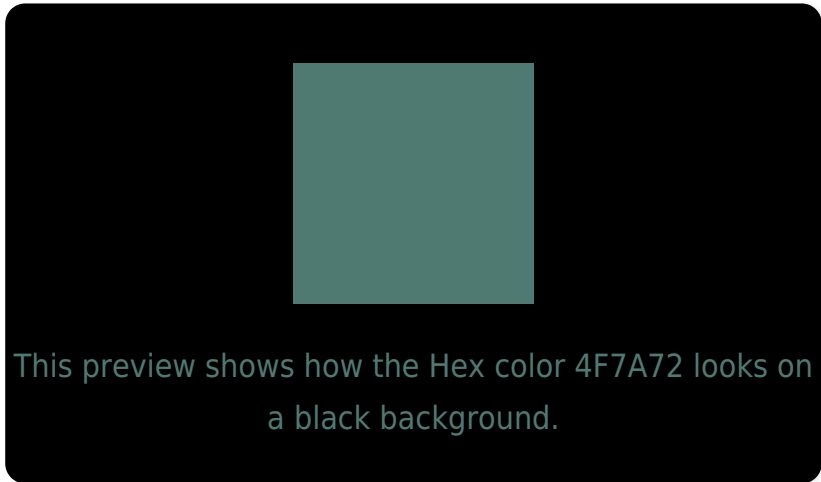
Large Text (above 18pt) WCAG AA ✓ Pass

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

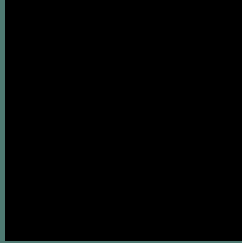
Any Text WCAG AA × Fail

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 4F7A72 Background



This preview shows how black text looks on a background with the Hex color 4F7A72.

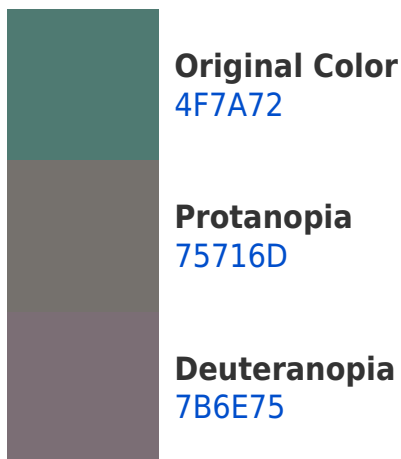


This preview shows how white text looks on a background with the Hex color 4F7A72.

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](#).

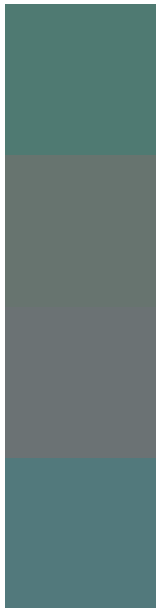
Dichromacy





Tritanopia
537881

Trichromacy



Original Color
4F7A72

Protanomaly
67746F

Deuteranomaly
6B7274

Tritanomaly
52797C

Monochromacy



Original Color
4F7A72

Achromatopsia
6C6C6C

Achromatomaly
61716E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7A72 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 #4F7A72 looks like.

```
.text, #text, p{  
    color:#4F7A72  
}
```

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 #4F7A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7A72
}
```

Border

The CSS property to change the border of an element to Hex 4F7A72 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
#4F7A72 }
```

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

```
.border{ border-color:#4F7A72 }
```

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

Here you see how a box with a 4 pixel #4F7A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7A72; -webkit-box-shadow:4px 4px  
4px 4px #4F7A72; box-shadow:4px 4px 4px  
4px #4F7A72 }
```

Background

The CSS property to change the background color of an element to Hex 4F7A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7A72 }
```

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

```
.background{ background-color:#4F7A72 }
```

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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