

Converting Colors

Hex(4F7B75)

Have a look what the booklet for
Hex(4F7B75) contains.

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Color

Hex(4F7B75)

Conversions

Conversions Part 1

Format	Color
Hex	4F7B75
RGB	79, 123, 117
RGB Percent	31%, 48%, 46%
CMY	0.6902, 0.5176, 0.5412
CMYK	0.36, 0.00, 0.05, 0.52
HSL	172°, 22%, 40%
HSV	172°, 36%, 48%
XYZ	13.5183, 17.1125, 19.4202
YIQ	109.1600, -24.2980, -11.1940

Conversions

Conversions Part 2

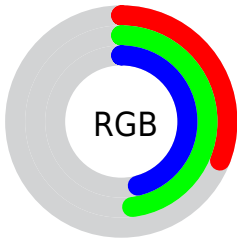
Format	Color
R_YB	79, 103, 123
Decimal	5208949
CIE _{Lab}	48.40, -16.60, -1.54
CIE _{LCh}	48, 16.670, 185.310
Yxy	17.1125, 0.2701, 0.3419
Android (android.graphics.Color)	4283399029 (0xFF4F7B75)
YUV	109.1600, 3.8651, -26.4503
Hunter-Lab	41.3673, -14.0613, 1.1230

Details

The Hex color **4F7B75** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B4F55**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **82B0A9**, and **1E4A45** is the 20% darker color. If you saturate the color by 10%, you get **437B73**, and if you desaturate by 10%, it is **5B7B77**.

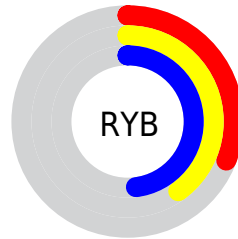
Distribution



Red (31%)

Green (48%)

Blue (46%)



Red (31%)

Yellow (40%)

Blue (48%)

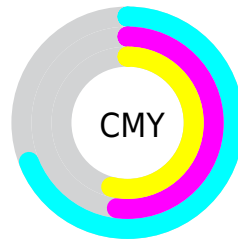


Cyan (36%)

Magenta (0%)

Yellow (5%)

Black (52%)



Cyan (69%)

Magenta (52%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7B75 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 4F7B75 by changing the saturation by 10% instead.



4F7B75



4F7B75

FFFFFF



36625C



82B0A9



1E4A45



9DCBC4



03332F



B8E7E0



001E1A



D4FFFD



000000



F1FFFF



4F7B75



4F7B75



437B73



5B7B77



367B72



687B78

■ 2A7B70

■ 747B7A

■ 1E7B6E

■ 807B7C

■ 117B6D

■ 8D7B7D

■ 057B6B

■ 997B7F

■ 007B6A

■ A57B81

■ B17B82

■ BE7B84

Harmonies

Analogous

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



5C7A67



4F7B75



4B7A83

Triad

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



4F7B75



786E8A



886E5A

Complementary

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



4F7B75



7B4F55

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.



8F6A63



4F7B75



876A7F

Square

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



4F7B75



66738F



8F6971



7B7357

Rectangle

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



4F7B75



50798A



8F6971



8B6D5C

Sweetspot

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



4F7B75



8FA19E



567B4F



475250



D1D1D1



525252

Same Dimension

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



4F7B75



5CA197



4F6C7B



373D3C



007D6C



00FCDA

Inverse Universe

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



7B4F55



A15C65



7B5E4F



3D3738



7D0011



FC0022

Previews

White Background



This preview shows how the Hex color 4F7B75 looks on a white background.

Color Contrast Check

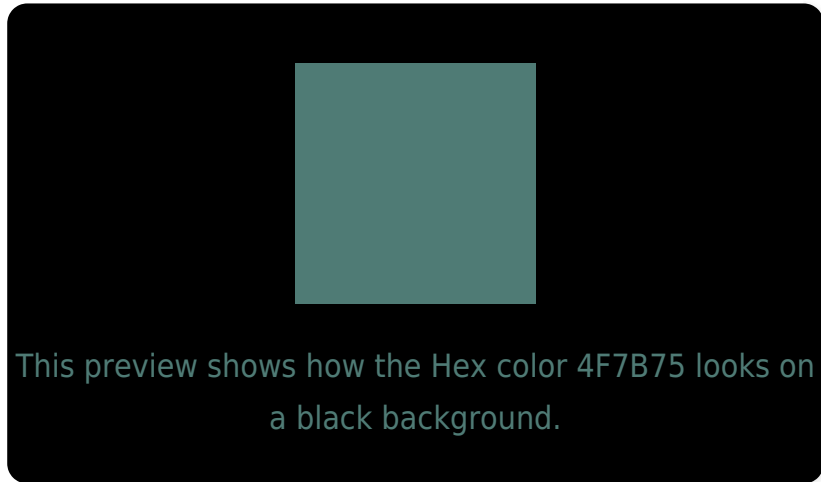
Large Text (above 18pt) WCAG AA ✓ Pass

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

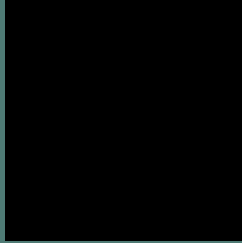
Any Text WCAG AA × Fail

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 4F7B75 Background



This preview shows how black text looks on a background with the Hex color 4F7B75.



This preview shows how white text looks on a background with the Hex color 4F7B75.

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

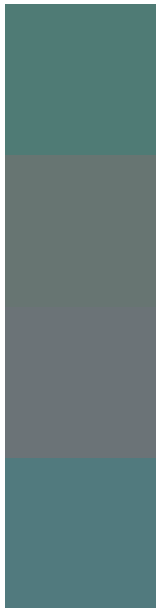


Original Color
4F7B75

Protanopia
757270

Deuteranopia
7B6F78

Trichromacy



Original Color
4F7B75

Protanomaly
677572

Deuteranomaly
6B7377

Tritanomaly
517A7E

Monochromacy



Original Color
4F7B75

Achromatopsia
6D6D6D

Achromatomaly
627270

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7B75 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 #4F7B75 looks like.

```
.text, #text, p{  
    color:#4F7B75  
}
```

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 #4F7B75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7B75
}
```

Border

The CSS property to change the border of an element to Hex 4F7B75 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
#4F7B75 }
```

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

```
.border{ border-color:#4F7B75 }
```

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

Here you see how a box with a 4 pixel #4F7B75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7B75; -webkit-box-shadow:4px 4px  
4px 4px #4F7B75; box-shadow:4px 4px 4px  
4px #4F7B75 }
```

Background

The CSS property to change the background color of an element to Hex 4F7B75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7B75 }
```

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

```
.background{ background-color:#4F7B75 }
```

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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