

Converting Colors

Hex(4F7D6B)

Have a look what the booklet for
Hex(4F7D6B) contains.

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Color

Hex(4F7D6B)

Conversions

Conversions Part 1

Format	Color
Hex	4F7D6B
RGB	79, 125, 107
RGB Percent	31%, 49%, 42%
CMY	0.6902, 0.5098, 0.5804
CMYK	0.37, 0.00, 0.14, 0.51
HSL	157°, 23%, 40%
HSV	157°, 37%, 49%
XYZ	13.2119, 17.3910, 16.5704
YIQ	109.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

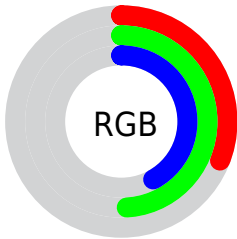
Format	Color
R_{YB}	79, 108, 125
Decimal	5209451
CIE _{Lab}	48.75, -20.08, 4.86
CIE _{LCh}	49, 20.662, 166.405
Yxy	17.3910, 0.2801, 0.3687
Android (android.graphics.Color)	4283399531 (0xFF4F7D6B)
YUV	109.1940, -1.0816, -26.4801
Hunter-Lab	41.7026, -16.4284, 5.6331

Details

The Hex color **4F7D6B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D4F61**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **82B29E**, and **1E4C3C** is the 20% darker color. If you saturate the color by 10%, you get **437D66**, and if you desaturate by 10%, it is **5C7D70**.

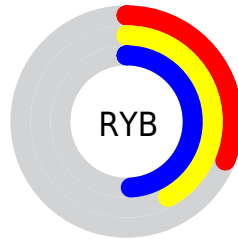
Distribution



Red (31%)

Green (49%)

Blue (42%)



Red (31%)

Yellow (42%)

Blue (49%)

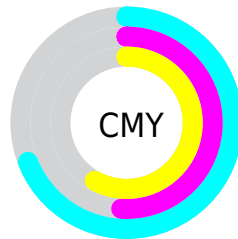


Cyan (37%)

Magenta (0%)

Yellow (14%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7D6B 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 4F7D6B by changing the saturation by 10% instead.



4F7D6B



4F7D6B

FFFFFF



376453



82B29E



1E4C3C



9DCDB9



043526



B8EAD5



002011



D4FFF1



000000



F0FFFF



4F7D6B



4F7D6B



437D66



5C7D70



367D61



687D75

■ 2A7D5C

■ 757D7A

■ 1D7D57

■ 817D7F

■ 117D53

■ 8E7D83

■ 047D4E

■ 9A7D88

■ 007D4C

■ A77D8D

■ B37D92

■ C07D97

Harmonies

Analogous

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



637A5B



4F7D6B



417E7D

Triad

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



4F7D6B



6B7295



936A5B

Complementary

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



4F7D6B



7D4F61

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.



97676B



4F7D6B



826C8C

Square

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



4F7D6B



537895



91687C



887052

Rectangle

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



4F7D6B



3F7D88



91687C



966960

Sweetspot

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



4F7D6B



91A39C



617D4F



47524D



D1D1D1



525252

Same Dimension

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



4F7D6B



5BA387



4F787D



39403D



00804E



000000

Inverse Universe

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



7D4F61



A35B77



7D544F



40393C



800032



000000

Previews

White Background



This preview shows how the Hex color 4F7D6B looks on a white background.

Color Contrast Check

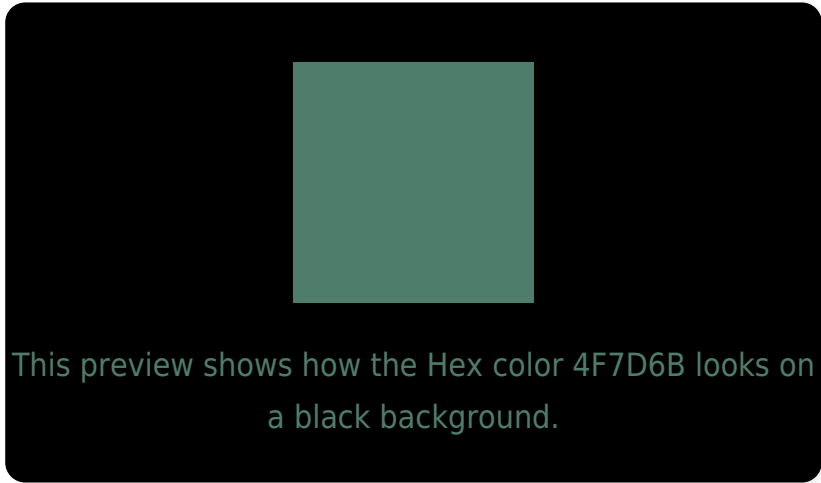
Large Text (above 18pt) WCAG AA ✓ Pass

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

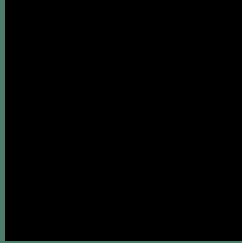
Any Text WCAG AA × Fail

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 4F7D6B Background



This preview shows how black text looks on a background with the Hex color 4F7D6B.

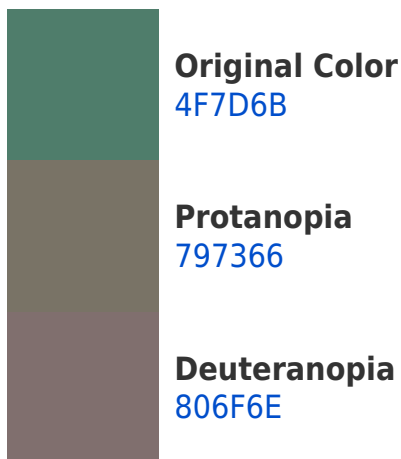



This preview shows how white text looks on a background with the Hex color 4F7D6B.

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](#).

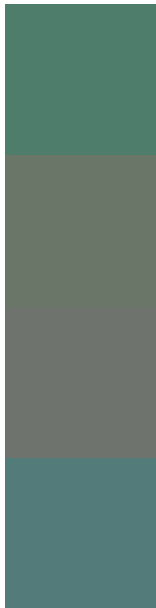
Dichromacy





Tritanopia
557A83

Trichromacy



Original Color
4F7D6B

Protanomaly
6A7768

Deuteranomaly
6E746D

Tritanomaly
537B7A

Monochromacy



Original Color
4F7D6B

Achromatopsia
6D6D6D

Achromatomaly
62736C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7D6B 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 #4F7D6B looks like.

```
.text, #text, p{  
    color:#4F7D6B  
}
```

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 #4F7D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7D6B
}
```

Border

The CSS property to change the border of an element to Hex 4F7D6B 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".

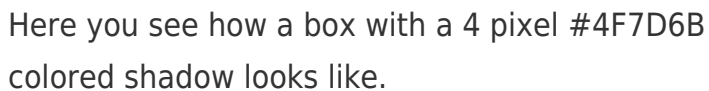
```
.border, #border, table{ border:4px solid
#4F7D6B }
```

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

```
.border{ border-color:#4F7D6B }
```

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

Here you see how a box with a 4 pixel #4F7D6B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7D6B; -webkit-box-shadow:4px 4px  
4px 4px #4F7D6B; box-shadow:4px 4px 4px  
4px #4F7D6B }
```

Background

The CSS property to change the background color of an element to Hex 4F7D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7D6B }
```

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

```
.background{ background-color:#4F7D6B }
```

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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