

# Converting Colors

Hex(4D7A6D)

Have a look what the booklet for  
Hex(4D7A6D) contains.

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# Color

**Hex(4D7A6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D7A6D
RGB	77, 122, 109
RGB Percent	30%, 48%, 43%
CMY	0.6980, 0.5216, 0.5725
CMYK	0.37, 0.00, 0.11, 0.52
HSL	163°, 23%, 39%
HSV	163°, 37%, 48%
XYZ	12.7804, 16.6010, 16.9987
YIQ	107.0630, -22.6470, -13.5830

# Conversions

## Conversions Part 2

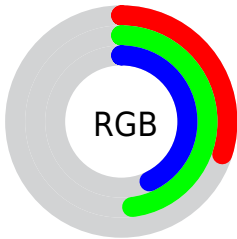
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 103, 122
Decimal	5077613
CIELab	47.75, -18.64, 2.23
CIELCh	48, 18.775, 173.185
Yxy	16.6010, 0.2756, 0.3579
Android (android.graphics.Color)	4283267693 (0xFF4D7A6D)
YUV	107.0630, 0.9549, -26.3653
Hunter-Lab	40.7443, -15.3117, 3.7849




# Details

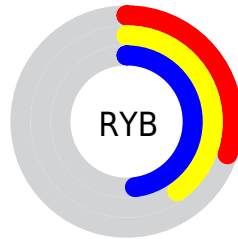
The Hex color **4D7A6D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A4D5A**, and the grayscale version is **6B6B6B**.


A 20% lighter version of the original color is **80AFA0**, and **1C493E** is the 20% darker color. If you saturate the color by 10%, you get **417A69**, and if you desaturate by 10%, it is **597A71**.

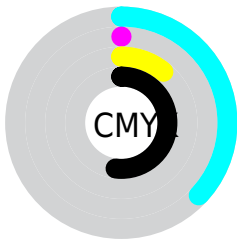
# Distribution







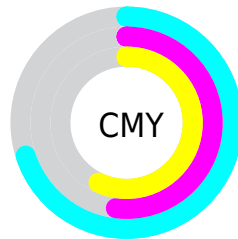
-  Red (30%)
-  Green (48%)
-  Blue (43%)






-  Red (30%)
-  Yellow (40%)
-  Blue (48%)



-  Cyan (37%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (52%)



-  Cyan (70%)
-  Magenta (52%)
-  Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D7A6D 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 4D7A6D by changing the saturation by 10% instead.





4D7A6D



4D7A6D

FFFFFF



356155



80AFA0



1C493E



9ACABB



023228



B6E6D7



001E13



D2FFF4



000000



EEEFFF



4D7A6D



4D7A6D



417A69



597A71



357A66



657A74

■ 287A62

■ 727A78

■ 1C7A5F

■ 7E7A7B

■ 107A5B

■ 8A7A7F

■ 047A58

■ 967A82

■ 007A57

■ A27A86

■ AF7A89

■ BB7A8D

# Harmonies

## Analogous

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



5E785E



4D7A6D



437A7D

# Triad

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



4D7A6D



6F6F8E



8C6A59

# Complementary

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



4D7A6D



7A4D5A

# 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.



926666



4D7A6D



826984

# Square

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



4D7A6D



597490



8E6676



806F52

# Rectangle

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



4D7A6D



447986



8E6676



8F685C



# Sweetspot

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



4D7A6D



8D9E99



5A7A4D



454F4C



CFCFCF



4F4F4F



# Same Dimension

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



4D7A6D



599E8A



4D717A



373D3B



007D59



00FCB4



# Inverse Universe

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



7A4D5A



9E596D



7A564D



3D3739



7D0024



FC0049



# Previews

## White Background



This preview shows how the Hex color 4D7A6D looks on a white background.

## Color Contrast Check

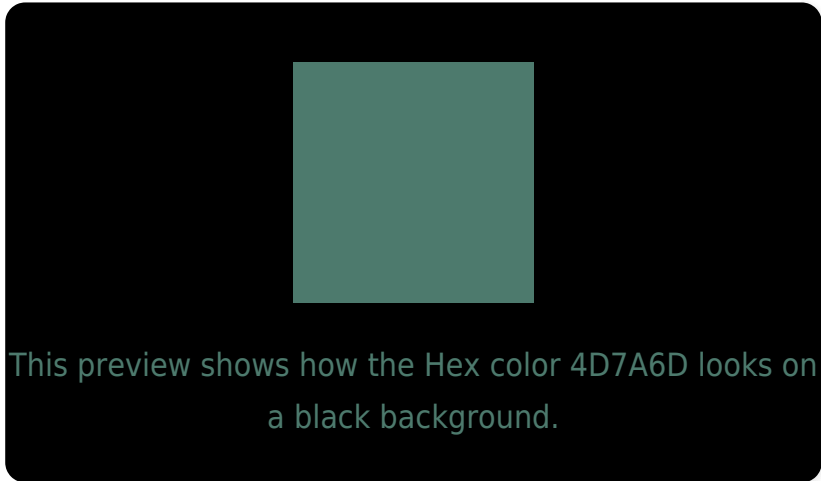
Large Text (above 18pt) WCAG AA ✓ Pass

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

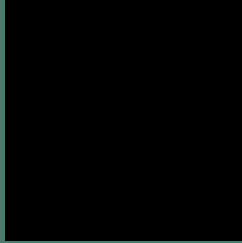
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D7A6D Background



This preview shows how black text looks on a background with the Hex color 4D7A6D.

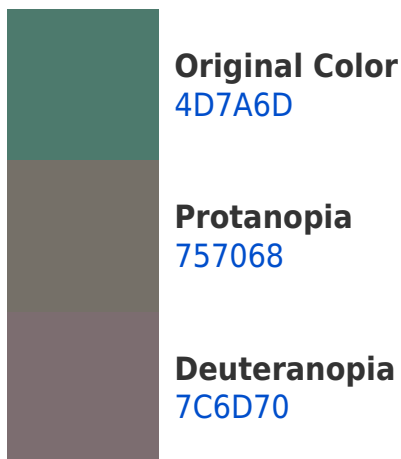


This preview shows how white text looks on a background with the Hex color 4D7A6D.

# 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**  
527781

# Trichromacy



**Original Color**  
4D7A6D

**Protanomaly**  
66746A

**Deuteranomaly**  
6B726F

**Tritanomaly**  
50787A

# Monochromacy



**Original Color**  
4D7A6D

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
60706C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D7A6D 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 #4D7A6D looks like.

```
.text, #text, p{  
    color:#4D7A6D  
}
```

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 #4D7A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7A6D
}
```

## Border

The CSS property to change the border of an element to Hex 4D7A6D 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
#4D7A6D }
```

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

```
.border{ border-color:#4D7A6D }
```

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

Here you see how a box with a 4 pixel #4D7A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7A6D; -webkit-box-shadow:4px 4px  
4px 4px #4D7A6D; box-shadow:4px 4px 4px  
4px #4D7A6D }
```

# Background

The CSS property to change the background color of an element to Hex 4D7A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7A6D }
```

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

```
.background{ background-color:#4D7A6D }
```

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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