

# Converting Colors

Hex(4D7759)

Have a look what the booklet for  
Hex(4D7759) contains.

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# Color

Hex(4D7759)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D7759
RGB	77, 119, 89
RGB Percent	30%, 47%, 35%
CMY	0.6980, 0.5333, 0.6510
CMYK	0.35, 0.00, 0.25, 0.53
HSL	137°, 21%, 38%
HSV	137°, 35%, 47%
XYZ	11.4606, 15.4927, 11.8375
YIQ	103.0220, -15.4020, -18.2340

# Conversions

## Conversions Part 2

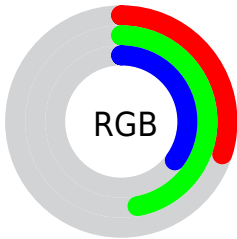
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 110, 119
Decimal	5076825
CIELab	46.30, -21.53, 11.96
CIELCh	46, 24.626, 150.938
Yxy	15.4927, 0.2954, 0.3994
Android (android.graphics.Color)	4283266905 (0xFF4D7759)
YUV	103.0220, -6.9128, -22.8213
Hunter-Lab	39.3608, -16.9080, 9.7214

# Details

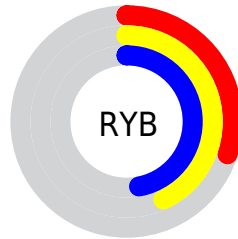
The Hex color **4D7759** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **774D6B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7FAB8B**, and **1D462B** is the 20% darker color. If you saturate the color by 10%, you get **417750**, and if you desaturate by 10%, it is **597762**.

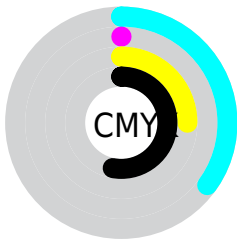
# Distribution



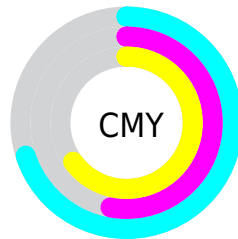
- Red (30%)
- Green (47%)
- Blue (35%)



- Red (30%)
- Yellow (43%)
- Blue (47%)



- Cyan (35%)
- Magenta (0%)
- Yellow (25%)
- Black (53%)



- Cyan (70%)
- Magenta (53%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D7759 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 4D7759 by changing the saturation by 10% instead.





4D7759



4D7759

FFFFFF



355E42



7FAB8B



1D462B



9AC7A5



042F17



B5E3C1



001C00



D1FFDC



000000



EDFFF9



4D7759



4D7759



417750



597762



357748



65776A

■ 29773F

■ 717772

■ 1D7737

■ 7D777B

■ 11772E

■ 887784

■ 067726

■ 94778C

■ 007722

■ A07794

■ AC779D

■ B877A5

# Harmonies

## Analogous

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



65734A



4D7759



34796E

# Triad

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



4D7759



526F97



96605A

# Complementary

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



4D7759



774D6B

# 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.



955E6E



4D7759



716891

# Square

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



4D7759



337591



886182



8C664A

# Rectangle

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



4D7759



27797C



886182



975F60



# Sweetspot

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



4D7759



8A9C8F



6B774D



454F48



CFCFCF



4F4F4F



# Same Dimension

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



4D7759



5A9C6D



4D776E



353B36



007A23



00FA47



# Inverse Universe

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



774D6B



9C5A89



774D56



3B3539



7A0057



FA00B3



# Previews

## White Background



This preview shows how the Hex color 4D7759 looks on a white background.

## Color Contrast Check

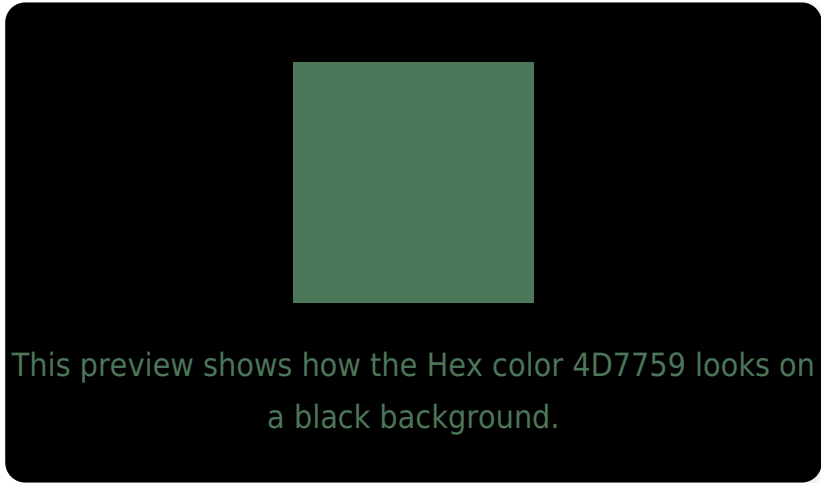
Large Text (above 18pt) WCAG AA ✓ Pass

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

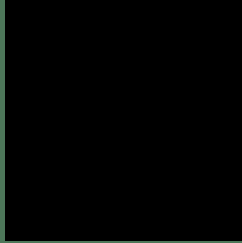
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D7759 Background



This preview shows how black text looks on a background with the Hex color 4D7759.

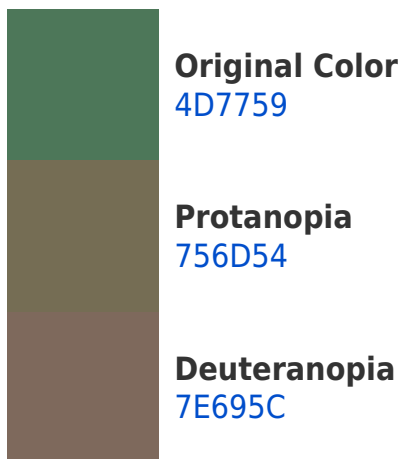


This preview shows how white text looks on a background with the Hex color 4D7759.

# 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**  
54727C

# Trichromacy



**Original Color**  
4D7759

**Protanomaly**  
667156

**Deuteranomaly**  
6C6E5B

**Tritanomaly**  
51746F

# Monochromacy



**Original Color**  
4D7759

**Achromatopsia**  
676767

**Achromatomaly**  
5E6D62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D7759 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 #4D7759 looks like.

```
.text, #text, p{  
    color:#4D7759  
}
```

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 #4D7759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7759
}
```

## Border

The CSS property to change the border of an element to Hex 4D7759 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".

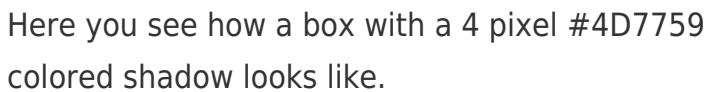
```
.border, #border, table{ border:4px solid
#4D7759 }
```

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

```
.border{ border-color:#4D7759 }
```

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

Here you see how a box with a 4 pixel #4D7759 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7759; -webkit-box-shadow:4px 4px  
4px 4px #4D7759; box-shadow:4px 4px 4px  
4px #4D7759 }
```

# Background

The CSS property to change the background color of an element to Hex 4D7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7759 }
```

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

```
.background{ background-color:#4D7759 }
```

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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