

# Converting Colors

Hex(4A7C4D)

Have a look what the booklet for  
Hex(4A7C4D) contains.

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# Color

Hex(4A7C4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7C4D
RGB	74, 124, 77
RGB Percent	29%, 49%, 30%
CMY	0.7098, 0.5137, 0.6980
CMYK	0.40, 0.00, 0.38, 0.51
HSL	124°, 25%, 39%
HSV	124°, 40%, 49%
XYZ	11.3712, 16.4070, 9.5887
YIQ	103.6920, -14.7130, -25.2170

# Conversions

## Conversions Part 2

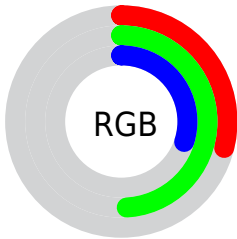
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 121, 124
Decimal	4881485
CIELab	47.50, -27.35, 20.51
CIELCh	48, 34.186, 143.136
Yxy	16.4070, 0.3043, 0.4391
Android (android.graphics.Color)	4283071565 (0xFF4A7C4D)
YUV	103.6920, -13.1592, -26.0399
Hunter-Lab	40.5055, -20.7738, 14.3184

# Details

The Hex color **4A7C4D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7C4A79**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7DB17E**, and **184B20** is the 20% darker color. If you saturate the color by 10%, you get **3E7C41**, and if you desaturate by 10%, it is **567C59**.

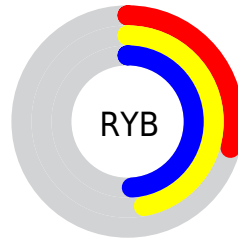
# Distribution



Red (29%)

Green (49%)

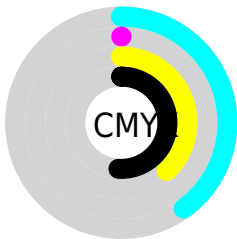
Blue (30%)



Red (29%)

Yellow (47%)

Blue (49%)

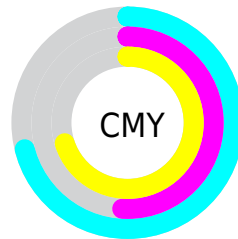


Cyan (40%)

Magenta (0%)

Yellow (38%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A7C4D 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 4A7C4D by changing the saturation by 10% instead.





4A7C4D



4A7C4D

FFFFFF



316336



7DB17E



184B20



98CD99



00330A



B3E9B3



002000



CFFFCF



000000



EBFFEB



4A7C4D



4A7C4D



3E7C41



567C59



317C36



637C64

 257C2A

 6F7C70

 187C1E

 7C7C7C

 0C7C13

 887C87

 007C07

 947C93

 A17C9F

 AD7CAA

 BA7CB6

# Harmonies

## Analogous

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



6C763A



4A7C4D



167F69

# Triad

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



4A7C4D



3176A9



A75A5C

# Complementary

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



4A7C4D



7C4A79

# 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.



A35A79



4A7C4D



696CA6

# Square

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



4A7C4D



007C9E



8E6194



9D6244

# Rectangle

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



4A7C4D



00807D



8E6194



A85965



# Sweetspot

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



4A7C4D



8DA18F



7A7C4A



465247



D1D1D1



525252



# Same Dimension

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



4A7C4D



54A158



4A7C66



373D37



007D07



00FC0F



# Inverse Universe

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



7C4A79



A1549C



7C4A60



3D373D



7D0075

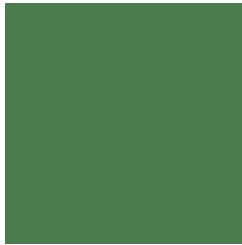


FC00ED



# Previews

## White Background



This preview shows how the Hex color 4A7C4D looks on a white background.

## Color Contrast Check

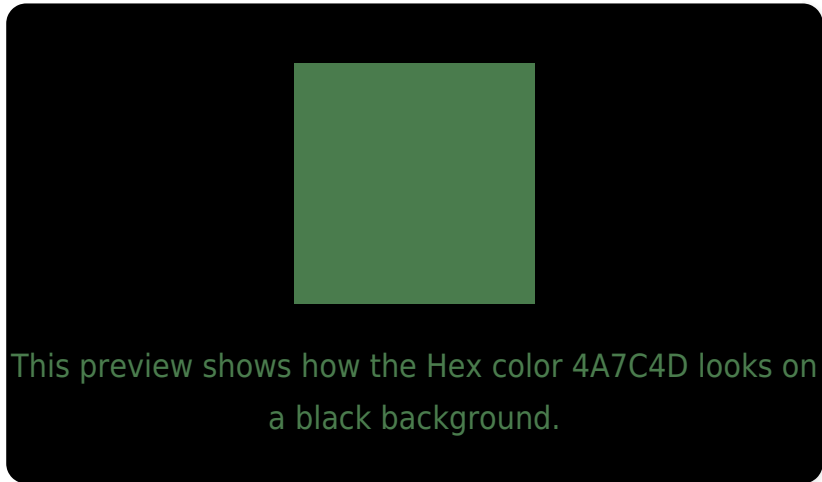
Large Text (above 18pt) WCAG AA ✓ Pass

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

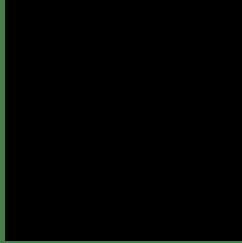
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4A7C4D Background



This preview shows how black text looks on a background with the Hex color 4A7C4D.



This preview shows how white text looks on a background with the Hex color 4A7C4D.

# 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**  
4A7C4D

**Protanopia**  
7A7048

**Deuteranopia**  
856B51



**Tritanopia**  
54767F

# Trichromacy



**Original Color**  
4A7C4D

**Protanomaly**  
69744A

**Deuteranomaly**  
707150

**Tritanomaly**  
50786D

# Monochromacy



**Original Color**  
4A7C4D

**Achromatopsia**  
686868

**Achromatomaly**  
5D6F5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A7C4D 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 #4A7C4D looks like.

```
.text, #text, p{  
    color:#4A7C4D  
}
```

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 #4A7C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7C4D
}
```

## Border

The CSS property to change the border of an element to Hex 4A7C4D 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".

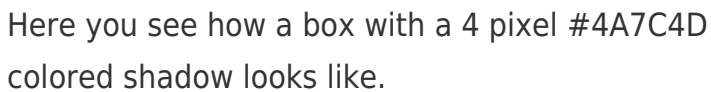
```
.border, #border, table{ border:4px solid
#4A7C4D }
```

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

```
.border{ border-color:#4A7C4D }
```

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

Here you see how a box with a 4 pixel #4A7C4D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7C4D; -webkit-box-shadow:4px 4px  
4px 4px #4A7C4D; box-shadow:4px 4px 4px  
4px #4A7C4D }
```

# Background

The CSS property to change the background color of an element to Hex 4A7C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7C4D }
```

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

```
.background{ background-color:#4A7C4D }
```

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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