

# Converting Colors

Hex(4D6C4D)

Have a look what the booklet for  
Hex(4D6C4D) contains.

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# Color

Hex(4D6C4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6C4D
RGB	77, 108, 77
RGB Percent	30%, 42%, 30%
CMY	0.6980, 0.5765, 0.6980
CMYK	0.29, 0.00, 0.29, 0.58
HSL	120°, 17%, 36%
HSV	120°, 29%, 42%
XYZ	9.7627, 12.8387, 8.9848
YIQ	95.1970, -8.5250, -16.2130

# Conversions

## Conversions Part 2

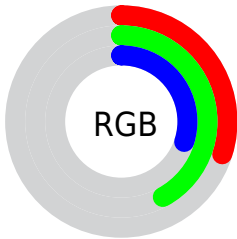
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 108, 108
Decimal	5073997
CIELab	42.52, -18.08, 13.82
CIElCh	43, 22.757, 142.596
Yxy	12.8387, 0.3091, 0.4065
Android (android.graphics.Color)	4283264077 (0xFF4D6C4D)
YUV	95.1970, -8.9711, -15.9588
Hunter-Lab	35.8312, -14.0698, 10.2147

# Details

The Hex color **4D6C4D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C4D6C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7FA07E**, and **1F3C21** is the 20% darker color. If you saturate the color by 10%, you get **426C42**, and if you desaturate by 10%, it is **586C58**.

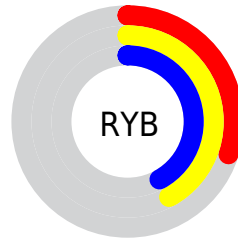
# Distribution



Red (30%)

Green (42%)

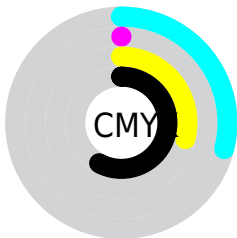
Blue (30%)



Red (30%)

Yellow (42%)

Blue (42%)

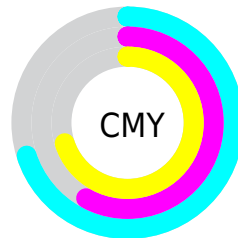


Cyan (29%)

Magenta (0%)

Yellow (29%)

Black (58%)



Cyan (70%)

Magenta (58%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6C4D 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 4D6C4D by changing the saturation by 10% instead.





4D6C4D



4D6C4D

FFFFFF



365436



7FA07E



1F3C21



99BB98



09260B



B4D6B3



001000



D0F3CE



000000



ECFFEB



4D6C4D



4D6C4D



426C42



586C58



376C37



636C63

■ 2D6C2D

■ 6D6C6D

■ 226C22

■ 786C78

■ 176C17

■ 836C83

■ 0C6C0C

■ 8E6C8E

■ 016C01

■ 996C99

■ 006C00

■ A36CA3

■ AE6CAE

# Harmonies

## Analogous

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



636841



4D6C4D



366E5F

# Triad

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



4D6C4D



436889



8A5757

# Complementary

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



4D6C4D



6C4D6C

# 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.



86576A



4D6C4D



606187

# Square

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



4D6C4D



296C82



785B7B



835B47

# Rectangle

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



4D6C4D



296F6C



785B7B



89565D



# Sweetspot

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



4D6C4D



808C80



6C6C4D



404740



C7C7C7



474747



# Same Dimension

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



4D6C4D



5D8C5D



4D6C5C



303630



007500



00F500



# Inverse Universe

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



6C4D6C



8C5D8C



6C4D5C



363036



750075



F500F5



# Previews

## White Background



This preview shows how the Hex color 4D6C4D looks on a white background.

## Color Contrast Check

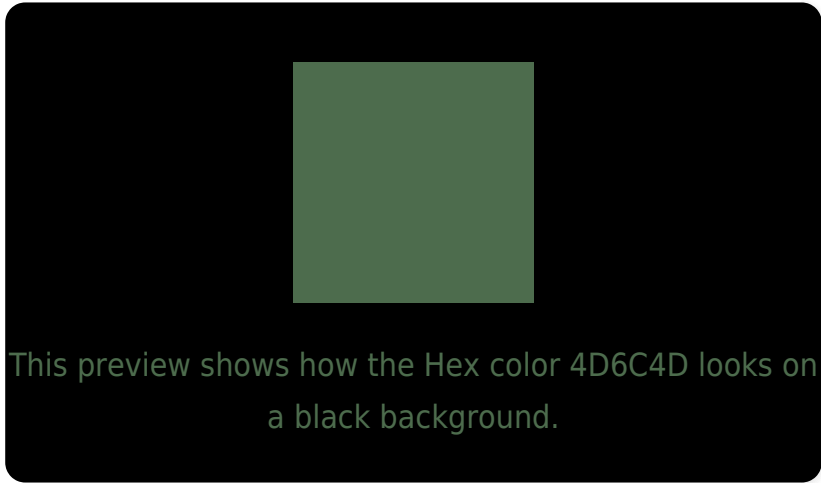
Large Text (above 18pt) WCAG AA ✓ Pass

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

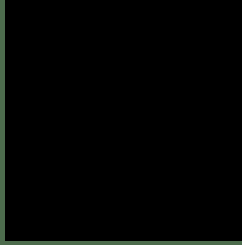
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D6C4D Background



This preview shows how black text looks on a background with the Hex color 4D6C4D.



This preview shows how white text looks on a background with the Hex color 4D6C4D.

# 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**  
4D6C4D

**Protanopia**  
6B6449

**Deuteranopia**  
756050



**Tritanopia**  
536870

# Trichromacy



**Original Color**  
4D6C4D

**Protanomaly**  
60674A

**Deuteranomaly**  
66644F

**Tritanomaly**  
516963

# Monochromacy



**Original Color**  
4D6C4D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
586458

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6C4D 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 #4D6C4D looks like.

```
.text, #text, p{  
    color:#4D6C4D  
}
```

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 #4D6C4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6C4D
}
```

## Border

The CSS property to change the border of an element to Hex 4D6C4D 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
#4D6C4D }
```

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

```
.border{ border-color:#4D6C4D }
```

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

Here you see how a box with a 4 pixel #4D6C4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6C4D; -webkit-box-shadow:4px 4px  
4px 4px #4D6C4D; box-shadow:4px 4px 4px  
4px #4D6C4D }
```

# Background

The CSS property to change the background color of an element to Hex 4D6C4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6C4D }
```

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

```
.background{ background-color:#4D6C4D }
```

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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