

# Converting Colors

Hex(4D6E47)

Have a look what the booklet for  
Hex(4D6E47) contains.

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# Color

**Hex(4D6E47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D6E47
RGB	77, 110, 71
RGB Percent	30%, 43%, 28%
CMY	0.6980, 0.5686, 0.7216
CMYK	0.30, 0.00, 0.35, 0.57
HSL	111°, 22%, 35%
HSV	111°, 35%, 43%
XYZ	9.7738, 13.1846, 7.9910
YIQ	95.6870, -7.1490, -19.1250

# Conversions

## Conversions Part 2

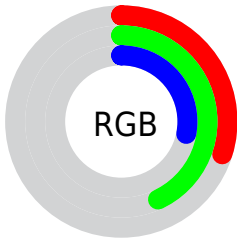
Format	Color
<a href="#">RYB</a>	<a href="#">71, 110, 104</a>
Decimal	<a href="#">5074503</a>
CIELab	<a href="#">43.04, -20.23, 18.06</a>
CIELCh	<a href="#">43, 27.120, 138.252</a>
Yxy	<a href="#">13.1846, 0.3158, 0.4260</a>
Android (android.graphics.Color)	<a href="#">4283264583 (0xFF4D6E47)</a>
YUV	<a href="#">95.6870, -12.1707, -16.3885</a>
Hunter-Lab	<a href="#">36.3106, -15.4961, 12.3693</a>

# Details

The Hex color **4D6E47** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **68476E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7FA278**, and **1E3E1B** is the 20% darker color. If you saturate the color by 10%, you get **446E3C**, and if you desaturate by 10%, it is **566E52**.

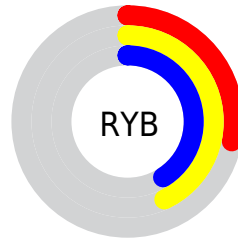
# Distribution



Red (30%)

Green (43%)

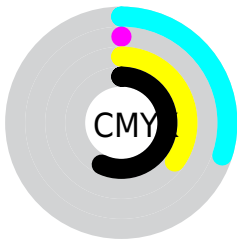
Blue (28%)



Red (28%)

Yellow (43%)

Blue (41%)

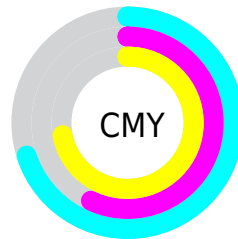


Cyan (30%)

Magenta (0%)

Yellow (35%)

Black (57%)



Cyan (70%)

Magenta (57%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D6E47 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 4D6E47 by changing the saturation by 10% instead.





4D6E47



4D6E47

FFFFFF



355530



7FA278



1E3E1B



99BD92



092802



B4D9AC



001300



D0F5C8



000000



EDFFE4



4D6E47



4D6E47



446E3C




566E52



3A6E31



606E5D

 316E26

 696E68

 286E1B

 726E73

 1E6E10

 7C6E7E

 156E05

 856E89

 116E00

 8E6E94

 976E9F

 A16EAA

# Harmonies

## Analogous

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



67693A



4D6E47



2F715C

# Triad

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



4D6E47



346A91



915559

# Complementary

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



4D6E47



68476E

# 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.



8C556F



4D6E47



5B6390

# Square

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



4D6E47



006F86



795B84



8B5A45

# Rectangle

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



4D6E47



16726B



795B84



915460



# Sweetspot

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



4D6E47



828F7F



6E6847



40473E



C7C7C7



474747



# Same Dimension

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



4D6E47



5B8F51



476E54



333832



127800



26F700



# Inverse Universe

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



68476E



85518F



6E4761



373238



650078

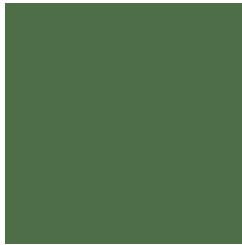


D100F7



# Previews

## White Background



This preview shows how the Hex color 4D6E47 looks on a white background.

## Color Contrast Check

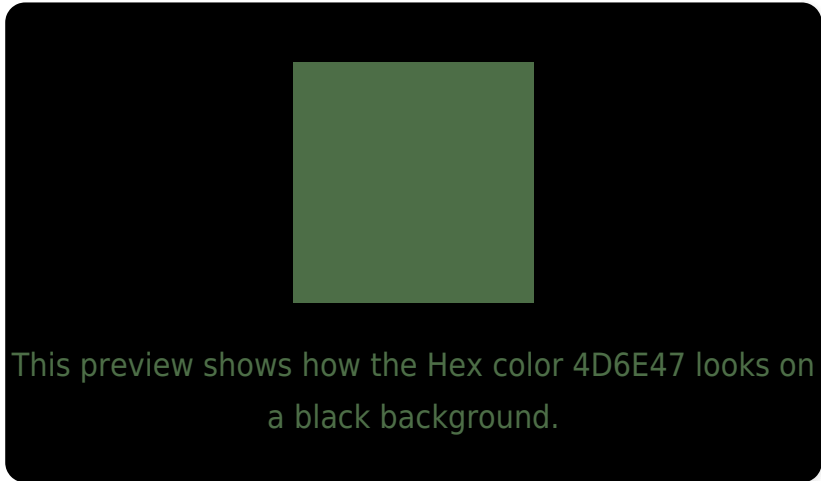
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D6E47 Background



This preview shows how black text looks on a background with the Hex color 4D6E47.



This preview shows how white text looks on a background with the Hex color 4D6E47.

# 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**  
4D6E47

**Protanopia**  
6E6543

**Deuteranopia**  
78614A



**Tritanopia**  
546971

# Trichromacy



**Original Color**  
4D6E47

**Protanomaly**  
626844

**Deuteranomaly**  
686649

**Tritanomaly**  
516B62

# Monochromacy



**Original Color**  
4D6E47

**Achromatopsia**  
606060

**Achromatomaly**  
596557

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D6E47 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 #4D6E47 looks like.

```
.text, #text, p{  
    color:#4D6E47  
}
```

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 #4D6E47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6E47
}
```

## Border

The CSS property to change the border of an element to Hex 4D6E47 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".

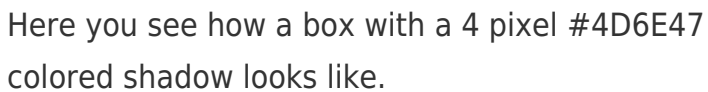
```
.border, #border, table{ border:4px solid
#4D6E47 }
```

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

```
.border{ border-color:#4D6E47 }
```

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

Here you see how a box with a 4 pixel #4D6E47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6E47; -webkit-box-shadow:4px 4px  
4px 4px #4D6E47; box-shadow:4px 4px 4px  
4px #4D6E47 }
```

# Background

The CSS property to change the background color of an element to Hex 4D6E47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6E47 }
```

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

```
.background{ background-color:#4D6E47 }
```

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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