

# Converting Colors

Hex(4D7436)

Have a look what the booklet for  
Hex(4D7436) contains.

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# Color

Hex(4D7436)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D7436
RGB	77, 116, 54
RGB Percent	30%, 45%, 21%
CMY	0.6980, 0.5451, 0.7882
CMYK	0.34, 0.00, 0.53, 0.55
HSL	98°, 36%, 33%
HSV	98°, 53%, 45%
XYZ	9.9718, 14.3349, 5.7314
YIQ	97.2710, -3.3420, -27.5500

# Conversions

## Conversions Part 2

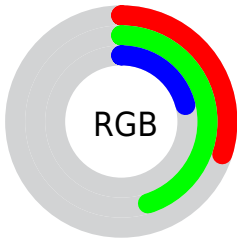
Format	Color
<a href="#">RYB</a>	<a href="#">54, 116, 93</a>
Decimal	<a href="#">5076022</a>
CIELab	<a href="#">44.71, -25.86, 29.72</a>
CIELCh	<a href="#">45, 39.392, 131.028</a>
Yxy	<a href="#">14.3349, 0.3320, 0.4772</a>
Android (android.graphics.Color)	<a href="#">4283266102 (0xFF4D7436)</a>
YUV	<a href="#">97.2710, -21.3326, -17.7777</a>
Hunter-Lab	<a href="#">37.8615, -19.2449, 17.5279</a>

# Details


The Hex color **4D7436** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D3674**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **80A866**, and **1C4307** is the 20% darker color. If you saturate the color by 10%, you get **46742A**, and if you desaturate by 10%, it is **547442**.

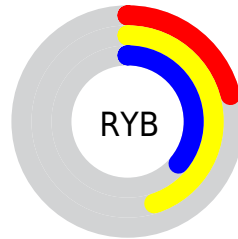
# Distribution



 Red (30%)

 Green (45%)

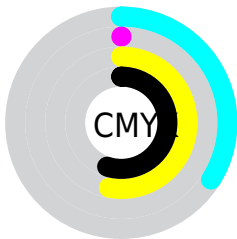
 Blue (21%)



 Red (21%)

 Yellow (45%)

 Blue (36%)

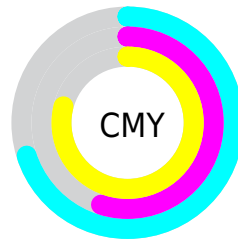


 Cyan (34%)


 Magenta (0%)

 Yellow (53%)

 Black (55%)



 Cyan (70%)

 Magenta (55%)

 Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D7436 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 4D7436 by changing the saturation by 10% instead.



 4D7436

 4D7436

FFFFFF

 345B1F

 80A866

 1C4307

 9BC480

 042D00

 B6E09A

 001900

 D2FCB5

 000000

 EFFFDD1

 FFFFEE

 4D7436

 4D7436

 46742A

 547442

■ 3E741F

■ 5C744D

■ 377413

■ 637459

■ 307408

■ 6A7464

■ 2B7400

■ 717470

■ 79747C

■ 807487

■ 877493

■ 8F749E

# Harmonies

## Analogous

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



716C26



4D7436



117953

# Triad

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



4D7436



0073A7



A74D5F

# Complementary

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



4D7436



5D3674

# 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.



9B5180



4D7436



4669AA

# Square

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



4D7436



007894



7C5C9B



A15440

# Rectangle

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



4D7436



007A6A



7C5C9B



A54D6A



# Sweetspot

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



4D7436



87967E



745C36



434D3E



CCCCCC



4D4D4D



# Same Dimension

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



4D7436



5A9636



36743D



373B35



2D7A00



5DFA00



# Inverse Universe

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



5D3674



733696



74366D



38353B



4D007A



9D00FA



# Previews

## White Background



This preview shows how the Hex color 4D7436 looks on a white background.

### Color Contrast Check

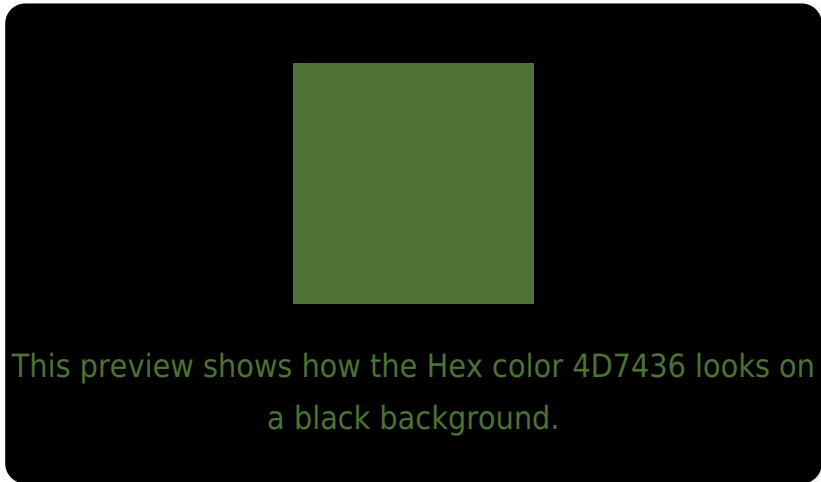
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D7436 Background



This preview shows how black text looks on a background with the Hex color 4D7436.



This preview shows how white text looks on a background with the Hex color 4D7436.

# 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**  
4D7436

**Protanopia**  
756A33

**Deuteranopia**  
81643A



**Tritanopia**  
576D76

# Trichromacy



**Original Color**  
4D7436

**Protanomaly**  
666E34

**Deuteranomaly**  
6E6A39

**Tritanomaly**  
53705F

# Monochromacy



**Original Color**  
4D7436

**Achromatopsia**  
616161

**Achromatomaly**  
5A6851

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D7436 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 #4D7436 looks like.

```
.text, #text, p{  
    color:#4D7436  
}
```

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 #4D7436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7436
}
```

## Border

The CSS property to change the border of an element to Hex 4D7436 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
#4D7436 }
```

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

```
.border{ border-color:#4D7436 }
```

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

Here you see how a box with a 4 pixel #4D7436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7436; -webkit-box-shadow:4px 4px  
4px 4px #4D7436; box-shadow:4px 4px 4px  
4px #4D7436 }
```

# Background

The CSS property to change the background color of an element to Hex 4D7436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7436 }
```

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

```
.background{ background-color:#4D7436 }
```

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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