

# Converting Colors

Hex(4C7446)

Have a look what the booklet for  
Hex(4C7446) contains.

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# Color

Hex(4C7446)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7446
RGB	76, 116, 70
RGB Percent	30%, 45%, 27%
CMY	0.7020, 0.5451, 0.7255
CMYK	0.34, 0.00, 0.40, 0.55
HSL	112°, 25%, 36%
HSV	112°, 40%, 45%
XYZ	10.3314, 14.4695, 8.0427
YIQ	98.7960, -9.0740, -22.7860

# Conversions

## Conversions Part 2

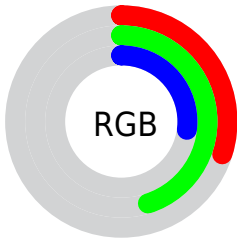
Format	Color
<b>RYB</b>	70, 116, 110
Decimal	5010502
CIELab	44.90, -23.87, 21.08
CIElCh	45, 31.849, 138.553
Yxy	14.4695, 0.3146, 0.4406
Android (android.graphics.Color)	4283200582 (0xFF4C7446)
YUV	98.7960, -14.1964, -19.9921
Hunter-Lab	38.0388, -18.0870, 14.0912

# Details

The Hex color **4C7446** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E4674**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7FA877**, and **1C4319** is the 20% darker color. If you saturate the color by 10%, you get **42743A**, and if you desaturate by 10%, it is **567452**.

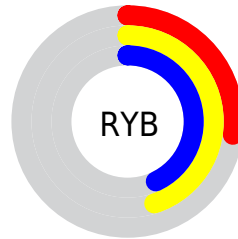
# Distribution



Red (30%)

Green (45%)

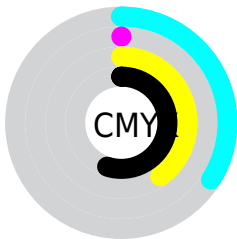
Blue (27%)



Red (27%)

Yellow (45%)

Blue (43%)

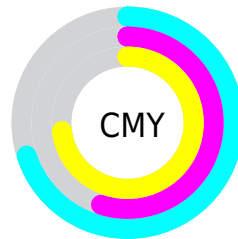


Cyan (34%)

Magenta (0%)

Yellow (40%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7446 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 4C7446 by changing the saturation by 10% instead.





4C7446



4C7446

FFFFFF



345B2F



7FA877



1C4319



99C491



052D00



B4E0AB



001A00



D0FCC7



000000



ECFFE3



4C7446



4C7446



42743A



567452



38742F



60745D

 2E7423

 6A7469

 247418

 747474

 1A740C

 7E7480

 0F7400

 89748C

 937497

 9D74A3

 A774AE

# Harmonies

## Analogous

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



6A6E36



4C7446



23775F

# Triad

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



4C7446



27709E



9D555B

# Complementary

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



4C7446



6E4674

# 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.



975676



4C7446



5D679C

# Square

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



4C7446



007691



815D8E



965C43

# Rectangle

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



4C7446



007871



815D8E



9D5564



# Sweetspot

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



4C7446



879684



746E46



434D42



CCCCCC



4D4D4D



# Same Dimension

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



4C7446



58964E



467457



363B35



107A00



21FA00



# Inverse Universe

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



6E4674



8D4E96



744663



3A353B



6A007A



D900FA



# Previews

## White Background



This preview shows how the Hex color 4C7446 looks on a white background.

## Color Contrast Check

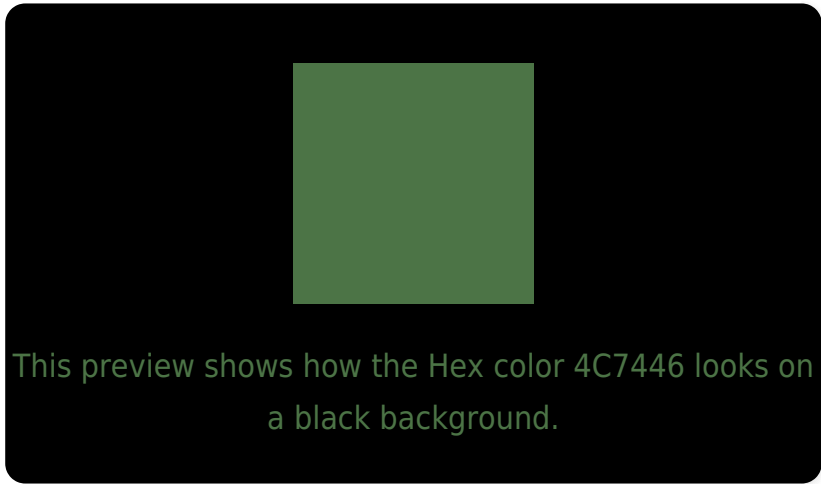
Large Text (above 18pt) WCAG AA ✓ Pass

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

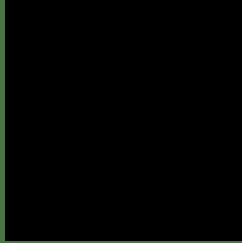
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C7446 Background



This preview shows how black text looks on a background with the Hex color 4C7446.



This preview shows how white text looks on a background with the Hex color 4C7446.

# 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**  
4C7446

**Protanopia**  
736A42

**Deuteranopia**  
7E6549



**Tritanopia**  
556E77

# Trichromacy



**Original Color**  
4C7446

**Protanomaly**  
656E43

**Deuteranomaly**  
6C6A48

**Tritanomaly**  
527065

# Monochromacy



**Original Color**  
4C7446

**Achromatopsia**  
636363

**Achromatomaly**  
5B6958

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7446 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 #4C7446 looks like.

```
.text, #text, p{  
    color:#4C7446  
}
```

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 #4C7446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7446  
}
```

## Border

The CSS property to change the border of an element to Hex 4C7446 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  
#4C7446 }
```

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

```
.border{ border-color:#4C7446 }
```

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

Here you see how a box with a 4 pixel #4C7446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7446; -webkit-box-shadow:4px 4px  
4px 4px #4C7446; box-shadow:4px 4px 4px  
4px #4C7446 }
```

# Background

The CSS property to change the background color of an element to Hex 4C7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7446 }
```

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

```
.background{ background-color:#4C7446 }
```

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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