

# Converting Colors

Hex(4C7449)

Have a look what the booklet for  
Hex(4C7449) contains.

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# Color

Hex(4C7449)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7449
RGB	76, 116, 73
RGB Percent	30%, 45%, 29%
CMY	0.7020, 0.5451, 0.7137
CMYK	0.34, 0.00, 0.37, 0.55
HSL	116°, 23%, 37%
HSV	116°, 37%, 45%
XYZ	10.4285, 14.5083, 8.5541
YIQ	99.1380, -10.0370, -21.8530

# Conversions

## Conversions Part 2

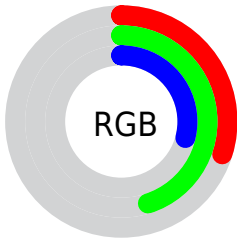
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 116, 113
Decimal	5010505
CIELab	44.95, -23.36, 19.43
CIELCh	45, 30.389, 140.245
Yxy	14.5083, 0.3114, 0.4332
Android (android.graphics.Color)	4283200585 (0xFF4C7449)
YUV	99.1380, -12.8860, -20.2920
Hunter-Lab	38.0898, -17.7862, 13.3477

# Details

The Hex color **4C7449** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **714974**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7EA87A**, and **1C431C** is the 20% darker color. If you saturate the color by 10%, you get **41743D**, and if you desaturate by 10%, it is **577455**.

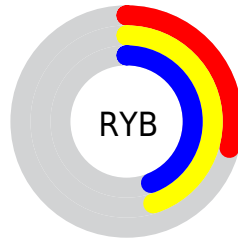
# Distribution



Red (30%)

Green (45%)

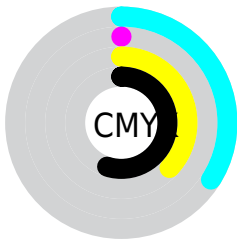
Blue (29%)



Red (29%)

Yellow (45%)

Blue (44%)

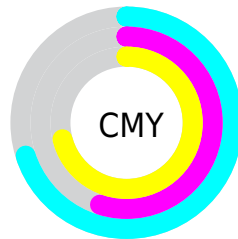


Cyan (34%)

Magenta (0%)

Yellow (37%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7449 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 4C7449 by changing the saturation by 10% instead.





4C7449



4C7449

FFFFFF



345B32



7EA87A



1C431C



99C494



052D05



B4E0AF



001A00



D0FCCA



000000



ECFFE6



4C7449



4C7449



41743D



577455



367432



627460

 2C7426

 6C746C

 21741B

 777477

 16740F

 827483

 0B7403

 8D748F

 087400

 98749A

 A274A6

 AD74B1

# Harmonies

## Analogous

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



696E3A



4C7449



277761

# Triad

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



4C7449



316F9C



9B575A

# Complementary

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



4C7449



714974

# 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.



965774



4C7449



60679A

# Square

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



4C7449



007591



825D8B



935D44

# Rectangle

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



4C7449



007872



825D8B



9B5663



# Sweetspot

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



4C7449



879686



747049



434D43



CCCCCC



4D4D4D



# Same Dimension

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



4C7449



599654



49745B



353B35



097A00



11FA00



# Inverse Universe

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



714974



925496



744962



3A353B



72007A

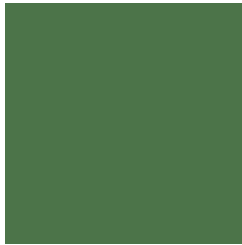


E800FA



# Previews

## White Background



This preview shows how the Hex color 4C7449 looks on a white background.

## Color Contrast Check

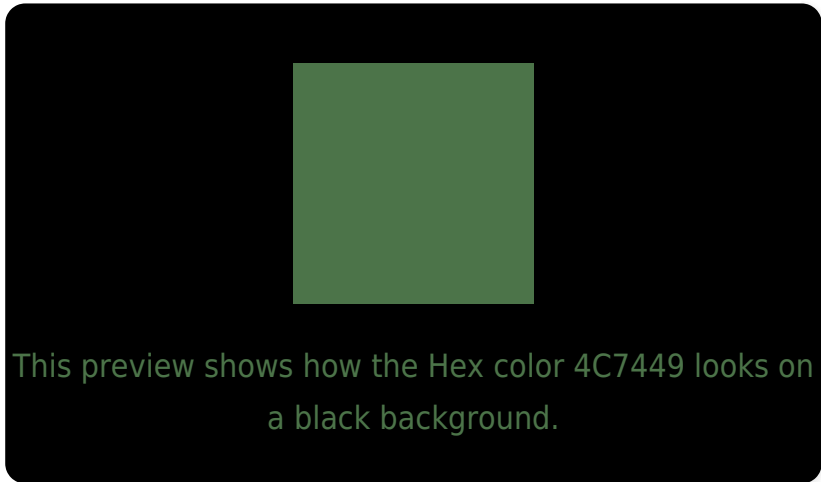
Large Text (above 18pt) WCAG AA ✓ Pass

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

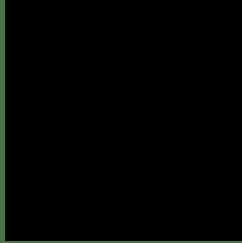
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C7449 Background



This preview shows how black text looks on a background with the Hex color 4C7449.



This preview shows how white text looks on a background with the Hex color 4C7449.

# 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**  
4C7449

**Protanopia**  
736A45

**Deuteranopia**  
7E654C



**Tritanopia**  
556E77

# Trichromacy



**Original Color**  
4C7449

**Protanomaly**  
656E46

**Deuteranomaly**  
6C6A4B

**Tritanomaly**  
527066

# Monochromacy



**Original Color**  
4C7449

**Achromatopsia**  
636363

**Achromatomaly**  
5B695A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7449 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 #4C7449 looks like.

```
.text, #text, p{  
    color:#4C7449  
}
```

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 #4C7449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7449
}
```

## Border

The CSS property to change the border of an element to Hex 4C7449 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
#4C7449 }
```

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

```
.border{ border-color:#4C7449 }
```

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

Here you see how a box with a 4 pixel #4C7449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7449; -webkit-box-shadow:4px 4px  
4px 4px #4C7449; box-shadow:4px 4px 4px  
4px #4C7449 }
```

# Background

The CSS property to change the background color of an element to Hex 4C7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7449 }
```

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

```
.background{ background-color:#4C7449 }
```

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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