

# Converting Colors

Hex(4C7B3A)

Have a look what the booklet for  
Hex(4C7B3A) contains.

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# Color

Hex(4C7B3A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C7B3A
RGB	76, 123, 58
RGB Percent	30%, 48%, 23%
CMY	0.7020, 0.5176, 0.7725
CMYK	0.38, 0.00, 0.53, 0.52
HSL	103°, 36%, 35%
HSV	103°, 53%, 48%
XYZ	10.8272, 16.0079, 6.5222
YIQ	101.5370, -7.1470, -30.1790

# Conversions

## Conversions Part 2

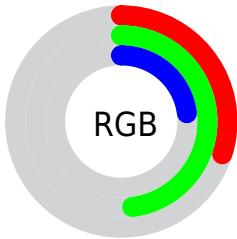
Format	Color
<a href="#">RYB</a>	<a href="#">58, 123, 105</a>
Decimal	<a href="#">5012282</a>
CIELab	<a href="#">46.98, -29.11, 30.34</a>
CIELCh	<a href="#">47, 42.045, 133.812</a>
Yxy	<a href="#">16.0079, 0.3246, 0.4799</a>
Android (android.graphics.Color)	<a href="#">4283202362 (0xFF4C7B3A)</a>
YUV	<a href="#">101.5370, -21.4637, -22.3959</a>
Hunter-Lab	<a href="#">40.0099, -21.7130, 18.3418</a>

# Details

The Hex color **4C7B3A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **693A7B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **80B06B**, and **194A0B** is the 20% darker color. If you saturate the color by 10%, you get **437B2E**, and if you desaturate by 10%, it is **557B46**.

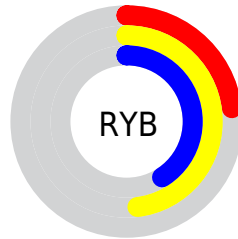
# Distribution



 Red (30%)

 Green (48%)

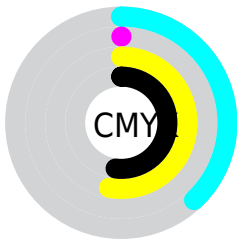
 Blue (23%)




 Red (23%)

 Yellow (48%)

 Blue (41%)

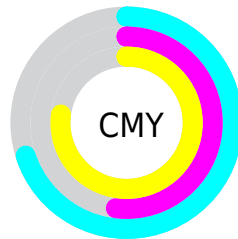


 Cyan (38%)


 Magenta (0%)

 Yellow (53%)

 Black (52%)



 Cyan (70%)

 Magenta (52%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C7B3A 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 4C7B3A by changing the saturation by 10% instead.





4C7B3A



4C7B3A

FFFFFF



336223



80B06B



194A0B



9ACB84



013200



B6E89F



002000



D2FFBA



000000



EFFFD6



FFFFFF3



4C7B3A



4C7B3A




437B2E



557B46

 3A7B21

 5E7B53

 317B15


 677B5F

 287B09

 707B6B

 227B00

 787B78

 817B84

 8A7B90

 937B9C

 9C7BA9

# Harmonies

## Analogous

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



747326



4C7B3A



00805A

# Triad

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



4C7B3A



0079B3



B15160

# Complementary

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



4C7B3A



693A7B

# 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.



A65384



4C7B3A



4F6EB4

# Square

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



4C7B3A



007F9F



875FA3



A95940

# Rectangle

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



4C7B3A



008173



875FA3



B0506C



# Sweetspot

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



4C7B3A



8EA187



7B693A



465242



D1D1D1



525252



# Same Dimension

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



4C7B3A



57A13B



3A7B48



393D37



237D00



46FC00



# Inverse Universe

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



693A7B



853BA1



7B3A6D



3C373D



5A007D



B700FC



# Previews

## White Background



This preview shows how the Hex color 4C7B3A looks on a white background.

## Color Contrast Check

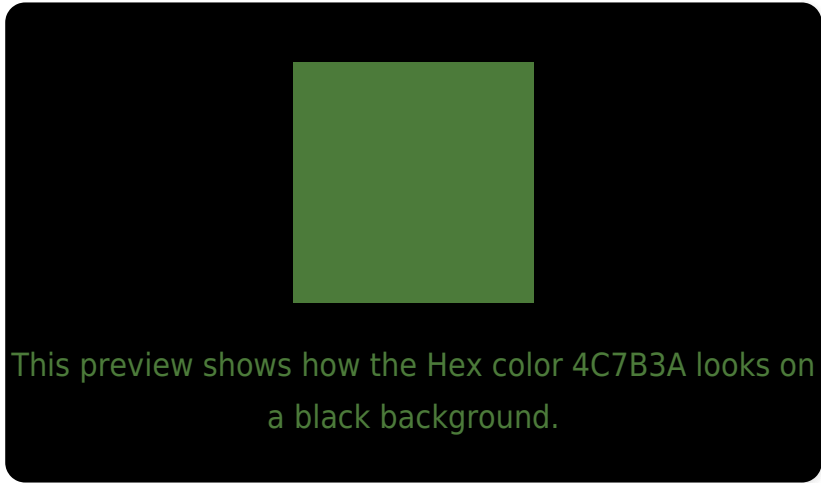
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C7B3A Background



This preview shows how black text looks on a background with the Hex color 4C7B3A.



This preview shows how white text looks on a background with the Hex color 4C7B3A.

# 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**  
4C7B3A

**Protanopia**  
7B6F36

**Deuteranopia**  
876A3E



# Trichromacy



**Original Color**  
4C7B3A

**Protanomaly**  
6A7337

**Deuteranomaly**  
72703D

**Tritanomaly**  
537765

# Monochromacy



**Original Color**  
4C7B3A

**Achromatopsia**  
666666

**Achromatomaly**  
5D6E56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C7B3A 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 #4C7B3A looks like.

```
.text, #text, p{  
    color:#4C7B3A  
}
```

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 #4C7B3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7B3A
}
```

## Border

The CSS property to change the border of an element to Hex 4C7B3A 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
#4C7B3A }
```

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

```
.border{ border-color:#4C7B3A }
```

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

Here you see how a box with a 4 pixel #4C7B3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7B3A; -webkit-box-shadow:4px 4px  
4px 4px #4C7B3A; box-shadow:4px 4px 4px  
4px #4C7B3A }
```

# Background

The CSS property to change the background color of an element to Hex 4C7B3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7B3A }
```

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

```
.background{ background-color:#4C7B3A }
```

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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