

Converting Colors

Hex(4C7C2C)

Have a look what the booklet for
Hex(4C7C2C) contains.

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Color

Hex(4C7C2C)

Conversions

Conversions Part 1

Format	Color
Hex	4C7C2C
RGB	76, 124, 44
RGB Percent	30%, 49%, 17%
CMY	0.7020, 0.5137, 0.8275
CMYK	0.39, 0.00, 0.65, 0.51
HSL	96°, 48%, 33%
HSV	96°, 65%, 49%
XYZ	10.6428, 16.1337, 4.9360
YIQ	100.5280, -2.9280, -35.0560

Conversions

Conversions Part 2

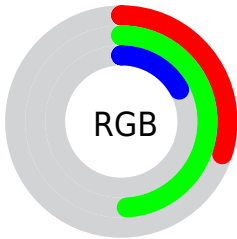
Format	Color
RYB	44, 124, 92
Decimal	5012524
CIELab	47.15, -31.20, 37.57
CIELCh	47, 48.832, 129.712
Yxy	16.1337, 0.3356, 0.5087
Android (android.graphics.Color)	4283202604 (0xFF4C7C2C)
YUV	100.5280, -27.8683, -21.5111
Hunter-Lab	40.1667, -22.9955, 20.8306

Details

The Hex color **4C7C2C** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5C2C7C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **80B15D**, and **184B00** is the 20% darker color. If you saturate the color by 10%, you get **457C20**, and if you desaturate by 10%, it is **537C38**.

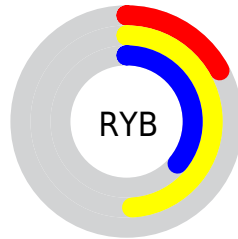
Distribution



Red (30%)

Green (49%)

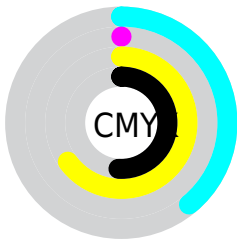
Blue (17%)



Red (17%)

Yellow (49%)

Blue (36%)

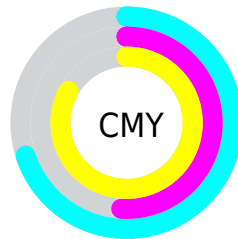


Cyan (39%)

Magenta (0%)

Yellow (65%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7C2C 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 4C7C2C by changing the saturation by 10% instead.



4C7C2C



4C7C2C

FFFFFF



326313



80B15D



184B00



9BCD77



003300



B7E991



002100



D3FFAC



000000



F0FFC8



FFFEE4



4C7C2C



4C7C2C



457C20



537C38

■ 3D7C13

■ 5B7C45

■ 367C07

■ 627C51

■ 327C00

■ 6A7C5E

■ 717C6A

■ 797C76

■ 807C83

■ 887C8F

■ 8F7C9C

Harmonies

Analogous

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



797214



4C7C2C



008252

Triad

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



4C7C2C



007CBD



BA4964

Complementary

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



4C7C2C



5C2C7C

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.



AB4E8D



4C7C2C



3370C1

Square

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



4C7C2C



0082A3



835FAF



B3533D

Rectangle

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



4C7C2C



00836E



835FAF



B84972

Sweetspot

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



4C7C2C



8EA182



7C5C2C



46523F



D1D1D1



525252

Same Dimension

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



4C7C2C



56A125



2C7C34



3A3D37



327D00



65FC00

Inverse Universe

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



5C2C7C



6F25A1



7C2C74



3B373D



4B007D



9700FC

Previews

White Background



This preview shows how the Hex color 4C7C2C looks on a white background.

Color Contrast Check

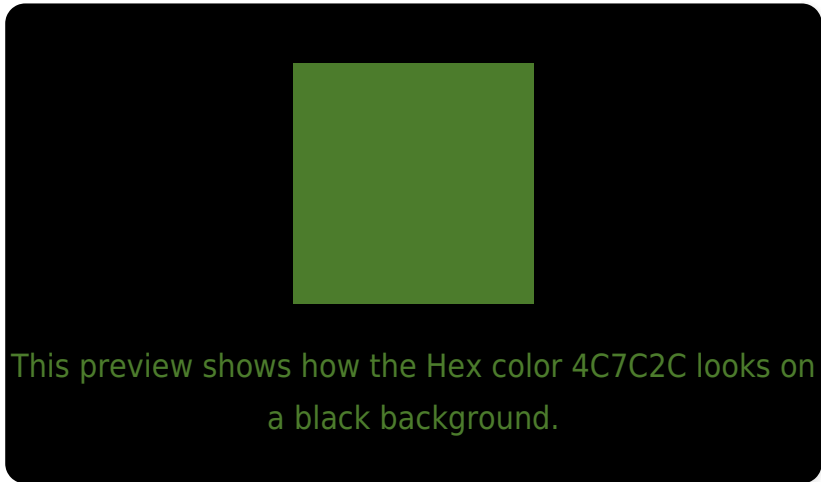
Large Text (above 18pt) WCAG AA ✓ Pass

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

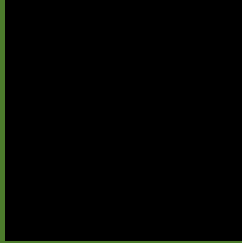
Any Text WCAG AA × Fail

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 4C7C2C Background



This preview shows how black text looks on a background with the Hex color 4C7C2C.



This preview shows how white text looks on a background with the Hex color 4C7C2C.

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
4C7C2C

Protanopia
7C7029

Deuteranopia
8A6A32



Tritanopia
59747D

Trichromacy



Original Color
4C7C2C

Protanomaly
6B742A

Deuteranomaly
737130

Tritanomaly
547760

Monochromacy



Original Color
4C7C2C

Achromatopsia
656565

Achromatomaly
5C6D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7C2C 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 #4C7C2C looks like.

```
.text, #text, p{  
    color:#4C7C2C  
}
```

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 #4C7C2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7C2C
}
```

Border

The CSS property to change the border of an element to Hex 4C7C2C 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
#4C7C2C }
```

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

```
.border{ border-color:#4C7C2C }
```

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

Here you see how a box with a 4 pixel #4C7C2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7C2C; -webkit-box-shadow:4px 4px  
4px 4px #4C7C2C; box-shadow:4px 4px 4px  
4px #4C7C2C }
```

Background

The CSS property to change the background color of an element to Hex 4C7C2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7C2C }
```

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

```
.background{ background-color:#4C7C2C }
```

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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