

# Converting Colors

Hex(4D7C02)

Have a look what the booklet for  
Hex(4D7C02) contains.

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**Color**

**Hex(4D7C02)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D7C02
RGB	77, 124, 2
RGB Percent	30%, 49%, 1%
CMY	0.6980, 0.5137, 0.9922
CMYK	0.38, 0.00, 0.98, 0.51
HSL	83°, 97%, 25%
HSV	83°, 98%, 49%
XYZ	10.2792, 15.9975, 2.6035
YIQ	96.0390, 11.1500, -47.9060

# Conversions

## Conversions Part 2

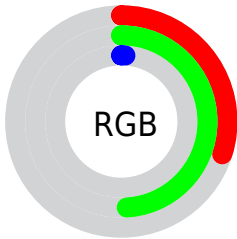
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	2, 124, 49
Decimal	5078018
CIE Lab	46.97, -33.21, 50.95
CIE LCh	47, 60.819, 123.094
Yxy	15.9975, 0.3559, 0.5539
Android (android.graphics.Color)	4283268098 (0xFF4D7C02)
YUV	96.0390, -46.3612, -16.6972
Hunter-Lab	39.9968, -24.1200, 24.1385

# Details

The Hex color **4D7C02** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31027C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **83B141**, and **174B00** is the 20% darker color. If you saturate the color by 10%, you get **4C7C00**, and if you desaturate by 10%, it is **527C0E**.

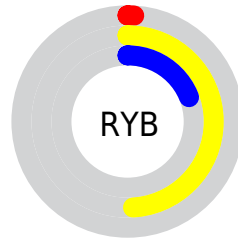
# Distribution



Red (30%)

Green (49%)

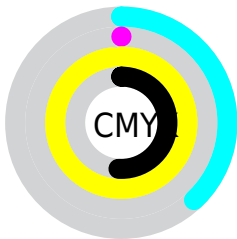
Blue (1%)



Red (1%)

Yellow (49%)

Blue (19%)

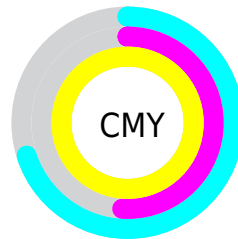


Cyan (38%)

Magenta (0%)

Yellow (98%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D7C02 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 4D7C02 by changing the saturation by 10% instead.





4D7C02



4D7C02

FFFFFF



326300



83B141



174B00



9ECD5B



003300



BAE975



002000



D7FF90



000000



F4FFAC



FFFFC8



FFFFE4



4D7C02



4D7C02

■ 4C7C00

■ 527C0E

■ 577C1B

■ 5B7C27

■ 607C34

■ 657C40

■ 6A7C4C

■ 6E7C59

■ 737C65

■ 787C72

# Harmonies

## Analogous

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



826F00



4D7C02



00833E

# Triad

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



4D7C02



0080CB



C8366C

# Complementary

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



4D7C02



31027C

# 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.



B0459F



4D7C02



0074D6

# Square

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



4D7C02



0086A6



745FC6



C4433B

# Rectangle

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



4D7C02



008661



745FC6



C3387D



# Sweetspot

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



4D7C02



8EA170



7C3102



465234



D1D1D1



525252



# Same Dimension

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



4D7C02



63A100



107C02



3B3D37



4D7D00



9BFC00



# Inverse Universe

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



31027C



3E00A1



6E027C



39373D



30007D

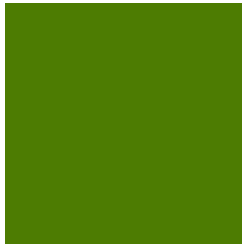


6100FC



# Previews

## White Background



This preview shows how the Hex color 4D7C02 looks on a white background.

## Color Contrast Check

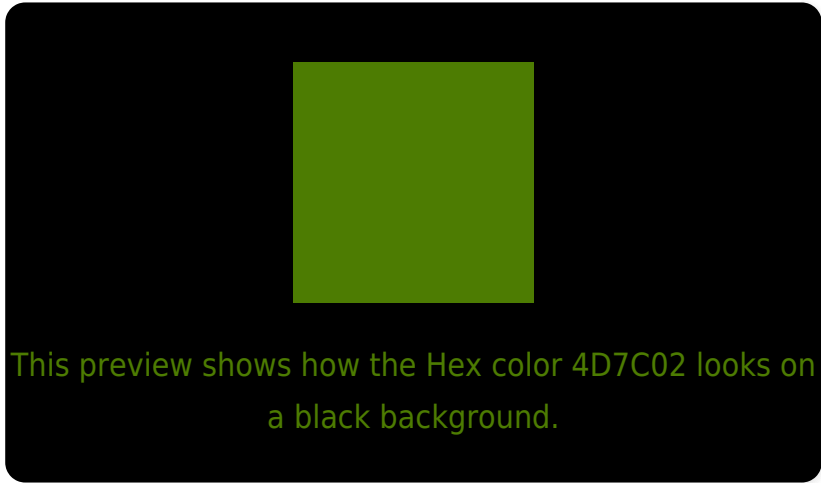
Large Text (above 18pt) WCAG AA ✓ Pass

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

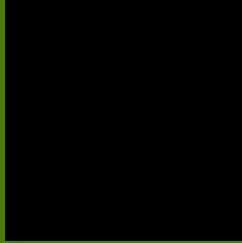
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D7C02 Background



This preview shows how black text looks on a background with the Hex color 4D7C02.



This preview shows how white text looks on a background with the Hex color 4D7C02.

# 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**  
4D7C02

**Protanopia**  
7D6F00

**Deuteranopia**  
8C6918



**Tritanopia**  
5A737C

# Trichromacy



**Original Color**  
4D7C02

**Protanomaly**  
6C7401

**Deuteranomaly**  
757010

**Tritanomaly**  
557650

# Monochromacy



**Original Color**  
4D7C02

**Achromatopsia**  
606060

**Achromatomaly**  
596A3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D7C02 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 #4D7C02 looks like.

```
.text, #text, p{  
    color:#4D7C02  
}
```

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 #4D7C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7C02
}
```

## Border

The CSS property to change the border of an element to Hex 4D7C02 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
#4D7C02 }
```

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

```
.border{ border-color:#4D7C02 }
```

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

Here you see how a box with a 4 pixel #4D7C02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7C02; -webkit-box-shadow:4px 4px  
4px 4px #4D7C02; box-shadow:4px 4px 4px  
4px #4D7C02 }
```

# Background

The CSS property to change the background color of an element to Hex 4D7C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7C02 }
```

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

```
.background{ background-color:#4D7C02 }
```

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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