

# Converting Colors

Hex(4D7B00)

Have a look what the booklet for  
Hex(4D7B00) contains.

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**Color**

**Hex(4D7B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D7B00
RGB	77, 123, 0
RGB Percent	30%, 48%, 0%
CMY	0.6980, 0.5176, 1.0000
CMYK	0.37, 0.00, 1.00, 0.52
HSL	82°, 100%, 24%
HSV	82°, 100%, 48%
XYZ	10.1435, 15.7437, 2.5042
YIQ	95.2240, 12.0670, -48.0050

# Conversions

## Conversions Part 2

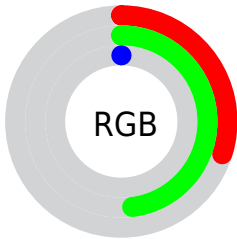
Format	Color
<a href="#">RYB</a>	<a href="#">0, 123, 46</a>
Decimal	<a href="#">5077760</a>
CIELab	<a href="#">46.64, -32.82, 51.12</a>
CIELCh	<a href="#">47, 60.745, 122.701</a>
Yxy	<a href="#">15.7437, 0.3573, 0.5545</a>
Android (android.graphics.Color)	<a href="#">4283267840 (0xFF4D7B00)</a>
YUV	<a href="#">95.2240, -46.9454, -15.9824</a>
Hunter-Lab	<a href="#">39.6783, -23.8046, 24.0329</a>

# Details

The Hex color **4D7B00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E007B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **83B03F**, and **174A00** is the 20% darker color. If you saturate the color by 10%, you get **4D7B00**, and if you desaturate by 10%, it is **527B0C**.

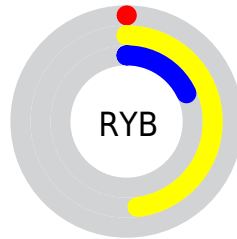
# Distribution



Red (30%)

Green (48%)

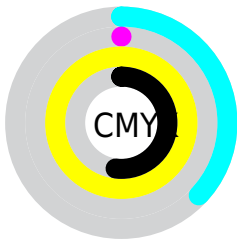
Blue (0%)



Red (0%)

Yellow (48%)

Blue (18%)

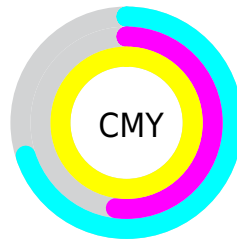


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (70%)

Magenta (52%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D7B00 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 4D7B00 by changing the saturation by 10% instead.



 4D7B00

 4D7B00

FFFFFF

 326200

 83B03F

 174A00

 9ECB5A

 003300

 BAE874

 001F00

 D7FF8F

 000000

 F4FFAA

 FFFFC6

 FFFFEE3

 4D7B00

 527B0C

 567B19

 5B7B25

 5F7B31

 647B3E

 697B4A

 6D7B56

 727B62

 767B6F

# Harmonies

## Analogous

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



816E00



4D7B00



00823D

# Triad

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



4D7B00



0080C9



C7356C

# Complementary

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



4D7B00



2E007B

# 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.



AE459E



4D7B00



0073D5

# Square

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



4D7B00



0085A5



725FC5



C3423B

# Rectangle

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



4D7B00



008560



725FC5



C2377D



# Sweetspot

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



4D7B00



8FA170



7B2D00



475234



D1D1D1



525252



# Same Dimension

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



4D7B00



65A100



107B00



3B3D37



4E7D00



9EFC00



# Inverse Universe

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



2E007B



3C00A1



6B007B



39373D



2F007D



5E00FC



# Previews

## White Background



This preview shows how the Hex color 4D7B00 looks on a white background.

## Color Contrast Check

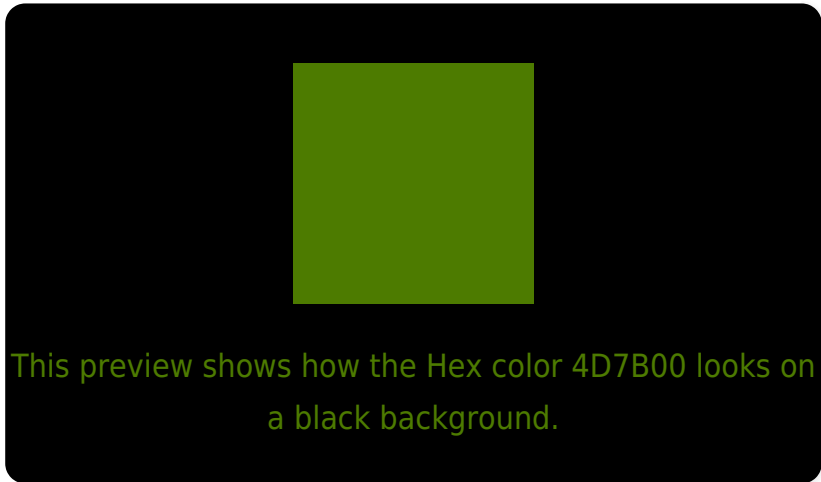
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D7B00 Background



This preview shows how black text looks on a background with the Hex color 4D7B00.



This preview shows how white text looks on a background with the Hex color 4D7B00.

# 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**  
4D7B00

**Protanopia**  
7C6F00

**Deuteranopia**  
8B6918



**Tritanopia**  
5A727B

# Trichromacy



**Original Color**  
4D7B00

**Protanomaly**  
6B7300

**Deuteranomaly**  
74700F

**Tritanomaly**  
55754E

# Monochromacy



**Original Color**  
4D7B00

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
58693C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D7B00 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 #4D7B00 looks like.

```
.text, #text, p{  
    color:#4D7B00  
}
```

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 #4D7B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7B00
}
```

## Border

The CSS property to change the border of an element to Hex 4D7B00 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
#4D7B00 }
```

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

```
.border{ border-color:#4D7B00 }
```

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

Here you see how a box with a 4 pixel #4D7B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7B00; -webkit-box-shadow:4px 4px  
4px 4px #4D7B00; box-shadow:4px 4px 4px  
4px #4D7B00 }
```

# Background

The CSS property to change the background color of an element to Hex 4D7B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7B00 }
```

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

```
.background{ background-color:#4D7B00 }
```

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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