

Converting Colors

Hex(4D7822)

Have a look what the booklet for
Hex(4D7822) contains.

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Color

Hex(4D7822)

Conversions

Conversions Part 1

Format	Color
Hex	4D7822
RGB	77, 120, 34
RGB Percent	30%, 47%, 13%
CMY	0.6980, 0.5294, 0.8667
CMYK	0.36, 0.00, 0.72, 0.53
HSL	90°, 56%, 30%
HSV	90°, 72%, 47%
XYZ	10.0658, 15.1262, 3.9025
YIQ	97.3390, 1.9780, -35.8620

Conversions

Conversions Part 2

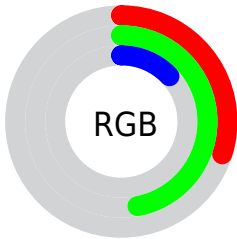
Format	Color
RYB	34, 120, 77
Decimal	5077026
CIELab	45.81, -29.85, 40.62
CIELCh	46, 50.409, 126.308
Yxy	15.1262, 0.3460, 0.5199
Android (android.graphics.Color)	4283267106 (0xFF4D7822)
YUV	97.3390, -31.2261, -17.8373
Hunter-Lab	38.8924, -21.8641, 21.2755

Details

The Hex color **4D7822** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4D2278**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **81AD54**, and **1A4700** is the 20% darker color. If you saturate the color by 10%, you get **477816**, and if you desaturate by 10%, it is **53782E**.

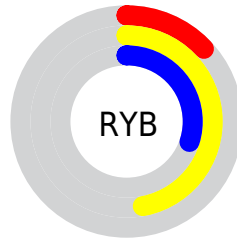
Distribution



Red (30%)

Green (47%)

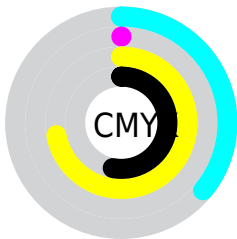
Blue (13%)



Red (13%)

Yellow (47%)

Blue (30%)

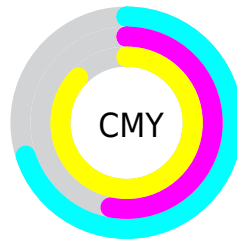


Cyan (36%)

Magenta (0%)

Yellow (72%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7822 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 4D7822 by changing the saturation by 10% instead.



4D7822



4D7822

FFFFFF



335F05



81AD54



1A4700



9CC86D



003000



B8E488



001D00



D4FFA2



000000



F1FFBE



FFFFDA



FFFFF7



4D7822



4D7822

■ 477816

■ 53782E

■ 41780A

■ 59783A

■ 3C7800

■ 5F7846

■ 657852

■ 6B785E

■ 71786A

■ 777876

■ 7D7882

■ 83788E

Harmonies

Analogous

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



796D08



4D7822



007E49

Triad

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



4D7822



007AB9



B84365

Complementary

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



4D7822



4D2278

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.



A64B8F



4D7822



076EC1

Square

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



4D7822



007F9D



795DB1



B34C3D

Rectangle

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



4D7822



008066



795DB1



B54474

Sweetspot

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



4D7822



8A9C79



784D22



454F3A



CFCFCF



4F4F4F

Same Dimension

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



4D7822



599C16



227822



3A3D37



3E7D00



7EFC00

Inverse Universe

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



4D2278



59169C



782278



3A373D



3E007D



7E00FC

Previews

White Background



This preview shows how the Hex color 4D7822 looks on a white background.

Color Contrast Check

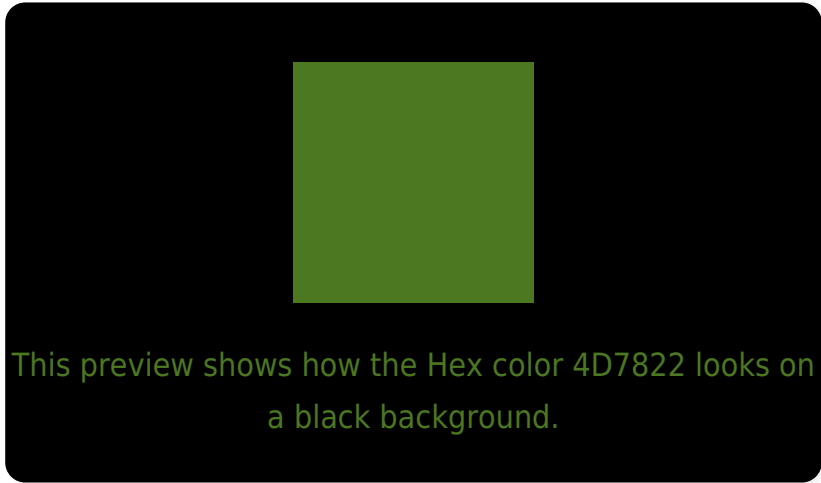
Large Text (above 18pt) WCAG AA ✓ Pass

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

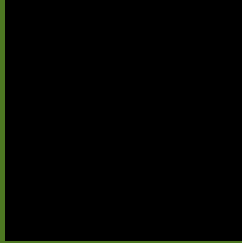
Any Text WCAG AA × Fail

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 4D7822 Background



This preview shows how black text looks on a background with the Hex color 4D7822.



This preview shows how white text looks on a background with the Hex color 4D7822.

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
4D7822

Protanopia
796C1F

Deuteranopia
876729



Tritanopia
597079

Trichromacy



Original Color
4D7822

Protanomaly
697020

Deuteranomaly
726D26

Tritanomaly
557359

Monochromacy



Original Color
4D7822

Achromatopsia
616161

Achromatomaly
5A694A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7822 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 #4D7822 looks like.

```
.text, #text, p{  
    color:#4D7822  
}
```

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 #4D7822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7822
}
```

Border

The CSS property to change the border of an element to Hex 4D7822 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".

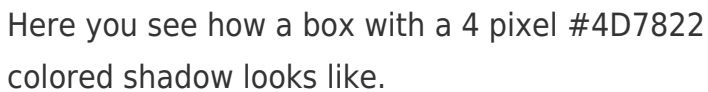
```
.border, #border, table{ border:4px solid
#4D7822 }
```

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

```
.border{ border-color:#4D7822 }
```

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

Here you see how a box with a 4 pixel #4D7822 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7822; -webkit-box-shadow:4px 4px  
4px 4px #4D7822; box-shadow:4px 4px 4px  
4px #4D7822 }
```

Background

The CSS property to change the background color of an element to Hex 4D7822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7822 }
```

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

```
.background{ background-color:#4D7822 }
```

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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