

Converting Colors

Hex(4D774C)

Have a look what the booklet for
Hex(4D774C) contains.

| | |
|--|----|
| Hex(4D774C) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(4D774C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4D774C |
| RGB | 77, 119, 76 |
| RGB Percent | 30%, 47%, 30% |
| CMY | 0.6980, 0.5333, 0.7020 |
| CMYK | 0.35, 0.00, 0.36, 0.53 |
| HSL | 119°, 22%, 38% |
| HSV | 119°, 36%, 47% |
| XYZ | 10.9619, 15.2932, 9.2116 |
| YIQ | 101.5400, -11.2290, -22.2770 |

Conversions

Conversions Part 2

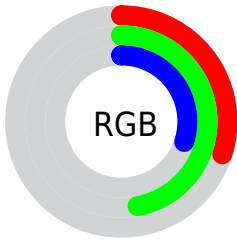
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 76, 119, 118 |
| Decimal | 5076812 |
| CIELab | 46.03, -24.00, 19.16 |
| CIELCh | 46, 30.710, 141.410 |
| Yxy | 15.2932, 0.3091, 0.4312 |
| Android (android.graphics.Color) | 4283266892 (0xFF4D774C) |
| YUV | 101.5400, -12.5912, -21.5216 |
| Hunter-Lab | 39.1066, -18.4014, 13.4087 |

Details

The Hex color **4D774C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **764C77**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **80AC7D**, and **1D461F** is the 20% darker color. If you saturate the color by 10%, you get **417740**, and if you desaturate by 10%, it is **597758**.

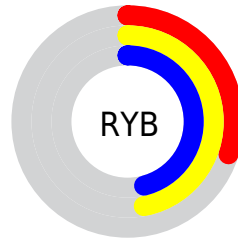
Distribution



Red (30%)

Green (47%)

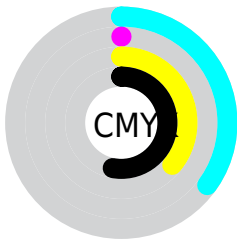
Blue (30%)



Red (30%)

Yellow (47%)

Blue (46%)

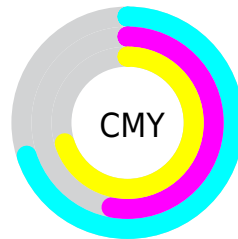


Cyan (35%)

Magenta (0%)

Yellow (36%)

Black (53%)



Cyan (70%)

Magenta (53%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D774C 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 4D774C by changing the saturation by 10% instead.



4D774C



4D774C

FFFFFF



355E35



80AC7D



1D461F



9AC797



042F09



B5E3B2



001D00



D1FFCE



000000



EEFFEA



4D774C



4D774C



417740



597758



367734



647764

■ 2A7728

■ 707770

■ 1F771C

■ 7B777C

■ 137710

■ 877787

■ 077705

■ 937793

■ 037700

■ 9E779F

■ AA77AB

■ B677B7

Harmonies

Analogous

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



6B713C



4D774C



277A64

Triad

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



4D774C



36729F



9E595C

Complementary

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



4D774C



764C77

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.



9A5976



4D774C



64699D

Square

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



4D774C



007895



86608D



966046

Rectangle

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



4D774C



007B76



86608D



9E5864

Sweetspot

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



4D774C



8B9C8A



77764C



454F45



CFCFCF



4F4F4F

Same Dimension

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



4D774C



5A9C59



4C7760



353B35



037A00



06FA00

Inverse Universe

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



764C77



9A599C



774C63



3B353B



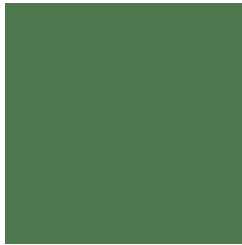
78007A



F400FA

Previews

White Background



This preview shows how the Hex color 4D774C looks on a white background.

Color Contrast Check

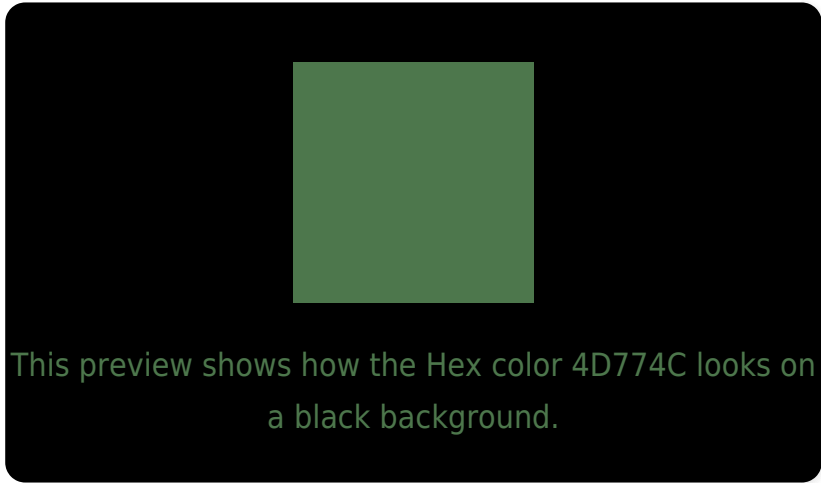
Large Text (above 18pt) WCAG AA ✓ Pass

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

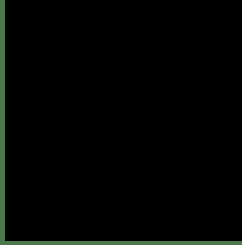
Any Text WCAG AA × Fail

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 4D774C Background



This preview shows how black text looks on a background with the Hex color 4D774C.



This preview shows how white text looks on a background with the Hex color 4D774C.

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
4D774C

Protanopia
766D48

Deuteranopia
81684F



Tritanopia
56717A

Trichromacy



Original Color
4D774C

Protanomaly
677149

Deuteranomaly
6E6D4E

Tritanomaly
537369

Monochromacy



Original Color
4D774C

Achromatopsia
666666

Achromatomaly
5D6C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D774C 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 #4D774C looks like.

```
.text, #text, p{  
    color:#4D774C  
}
```

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 #4D774C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D774C
}
```

Border

The CSS property to change the border of an element to Hex 4D774C 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".

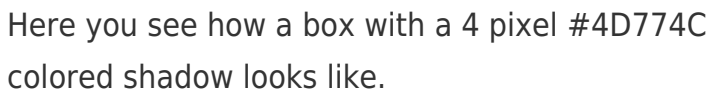
```
.border, #border, table{ border:4px solid
#4D774C }
```

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

```
.border{ border-color:#4D774C }
```

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

Here you see how a box with a 4 pixel #4D774C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D774C; -webkit-box-shadow:4px 4px  
4px 4px #4D774C; box-shadow:4px 4px 4px  
4px #4D774C }
```

Background

The CSS property to change the background color of an element to Hex 4D774C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D774C }
```

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

```
.background{ background-color:#4D774C }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor