

Converting Colors

Hex(4D7442)

Have a look what the booklet for
Hex(4D7442) contains.

Hex(4D7442)	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(4D7442)

Conversions

Conversions Part 1

Format	Color
Hex	4D7442
RGB	77, 116, 66
RGB Percent	30%, 45%, 26%
CMY	0.6980, 0.5451, 0.7412
CMYK	0.34, 0.00, 0.43, 0.55
HSL	107°, 27%, 36%
HSV	107°, 43%, 45%
XYZ	10.2893, 14.4619, 7.4034
YIQ	98.6390, -7.1940, -23.8180

Conversions

Conversions Part 2

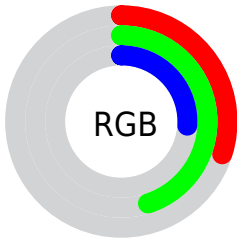
Format	Color
RYB	66, 116, 105
Decimal	5076034
CIELab	44.89, -24.15, 23.35
CIELCh	45, 33.593, 135.968
Yxy	14.4619, 0.3200, 0.4498
Android (android.graphics.Color)	4283266114 (0xFF4D7442)
YUV	98.6390, -16.0910, -18.9774
Hunter-Lab	38.0288, -18.2543, 15.0777

Details

The Hex color **4D7442** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **694274**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **80A873**, and **1D4315** is the 20% darker color. If you saturate the color by 10%, you get **447436**, and if you desaturate by 10%, it is **56744E**.

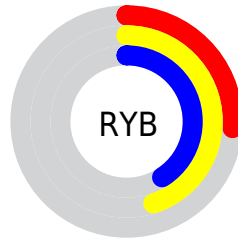
Distribution



Red (30%)

Green (45%)

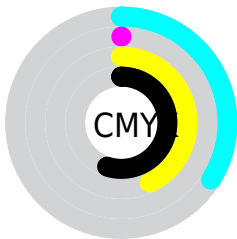
Blue (26%)



Red (26%)

Yellow (45%)

Blue (41%)

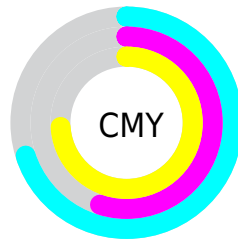


Cyan (34%)

Magenta (0%)

Yellow (43%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7442 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 4D7442 by changing the saturation by 10% instead.



4D7442



4D7442

FFFFFF



355B2B



80A873



1D4315



9AC48C



072D00



B5E0A7



001A00



D1FCC2



000000



EEFFDE



FFFFFFB



4D7442



4D7442



447436



56744E

■ 3B742B

■ 5F7459

■ 32741F

■ 687465

■ 297414

■ 717470

■ 207408

■ 7A747C

■ 1A7400

■ 837488

■ 8C7493

■ 95749F

■ 9E74AA

Harmonies

Analogous

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



6D6D33



4D7442



21785C

Triad

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



4D7442



1271A0



9F545C

Complementary

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



4D7442



694274

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.



985579



4D7442



5768A0

Square

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



4D7442



007692



805D91



995A43

Rectangle

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



4D7442



00796F



805D91



9F5366

Sweetspot

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



4D7442



879683



746842



434D40



CCCCCC



4D4D4D

Same Dimension

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



4D7442



599648



42744F



363B35



1B7A00



37FA00

Inverse Universe

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



694274



854896



744267



39353B



5F007A



C300FA

Previews

White Background



This preview shows how the Hex color 4D7442 looks on a white background.

Color Contrast Check

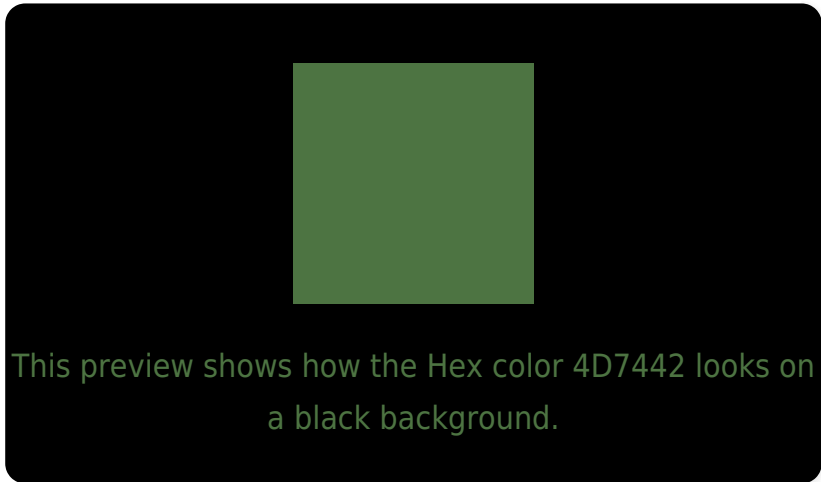
Large Text (above 18pt) WCAG AA ✓ Pass

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

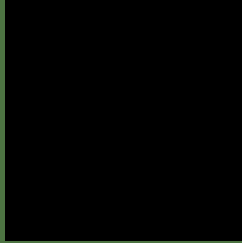
Any Text WCAG AA × Fail

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 4D7442 Background



This preview shows how black text looks on a background with the Hex color 4D7442.



This preview shows how white text looks on a background with the Hex color 4D7442.

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
4D7442

Protanopia
746A3E

Deuteranopia
7F6545



Tritanopia
566E77

Trichromacy



Original Color
4D7442

Protanomaly
666E3F

Deuteranomaly
6D6A44

Tritanomaly
537064

Monochromacy



Original Color
4D7442

Achromatopsia
636363

Achromatomaly
5B6957

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7442 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 #4D7442 looks like.

```
.text, #text, p{  
    color:#4D7442  
}
```

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 #4D7442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7442
}
```

Border

The CSS property to change the border of an element to Hex 4D7442 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".

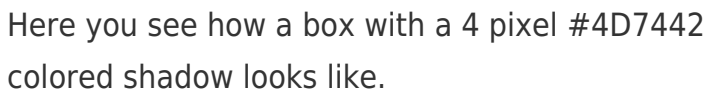
```
.border, #border, table{ border:4px solid
#4D7442 }
```

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

```
.border{ border-color:#4D7442 }
```

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

Here you see how a box with a 4 pixel #4D7442 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7442; -webkit-box-shadow:4px 4px  
4px 4px #4D7442; box-shadow:4px 4px 4px  
4px #4D7442 }
```

Background

The CSS property to change the background color of an element to Hex 4D7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7442 }
```

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

```
.background{ background-color:#4D7442 }
```

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