

Converting Colors

Hex(4D7540)

Have a look what the booklet for
Hex(4D7540) contains.

Hex(4D7540)	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(4D7540)

Conversions

Conversions Part 1

Format	Color
Hex	4D7540
RGB	77, 117, 64
RGB Percent	30%, 46%, 25%
CMY	0.6980, 0.5412, 0.7490
CMYK	0.34, 0.00, 0.45, 0.54
HSL	105°, 29%, 35%
HSV	105°, 45%, 46%
XYZ	10.3473, 14.6705, 7.1368
YIQ	98.9980, -6.8270, -24.9630

Conversions

Conversions Part 2

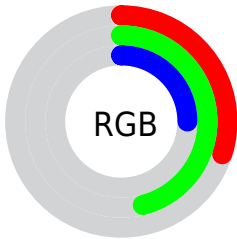
Format	Color
R _Y B	64, 117, 104
Decimal	5076288
CIE Lab	45.18, -24.96, 24.84
CIE LCh	45, 35.217, 135.136
Yxy	14.6705, 0.3218, 0.4562
Android (android.graphics.Color)	4283266368 (0xFF4D7540)
YUV	98.9980, -17.2540, -19.2922
Hunter-Lab	38.3021, -18.8072, 15.7640

Details

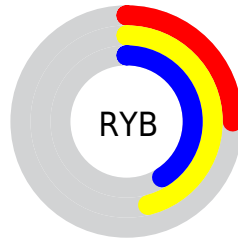
The Hex color **4D7540** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **684075**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **80A971**, and **1D4413** is the 20% darker color. If you saturate the color by 10%, you get **447534**, and if you desaturate by 10%, it is **56754C**.

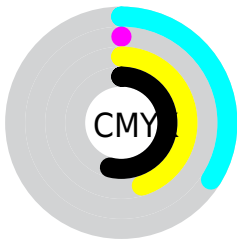
Distribution



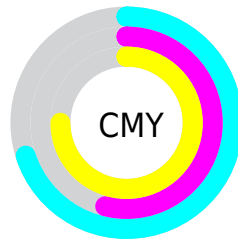
- Red (30%)
- Green (46%)
- Blue (25%)



- Red (25%)
- Yellow (46%)
- Blue (41%)



- Cyan (34%)
- Magenta (0%)
- Yellow (45%)
- Black (54%)



- Cyan (70%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7540 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 4D7540 by changing the saturation by 10% instead.



4D7540



4D7540

FFFFFF



355C29



80A971



1D4413



9AC58A



072E00



B6E1A5



001B00



D2FEC0



000000



EEFFDC



FFFFFF9



4D7540



4D7540



447534



56754C

■ 3B7529

■ 5F7557

■ 33751D

■ 677563

■ 2A7511

■ 70756F

■ 217506

■ 79757B

■ 1D7500

■ 827586

■ 8B7592

■ 94759E

■ 9C75A9

Harmonies

Analogous

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



6E6E30



4D7540



1D795B

Triad

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



4D7540



0072A3



A3535D

Complementary

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



4D7540



684075

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.



9A547B



4D7540



5569A4

Square

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



4D7540



007894



805D95



9C5A43

Rectangle

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



4D7540



007A6F



805D95



A25267

Sweetspot

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



4D7540



899984



756840



434D3F



CCCCCC



4D4D4D

Same Dimension

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



4D7540



5B9946



40754D



363B35



1E7A00



3DFA00

Inverse Universe

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



684075



854699



754068



39353B



5C007A



BD00FA

Previews

White Background



This preview shows how the Hex color 4D7540 looks on a white background.

Color Contrast Check

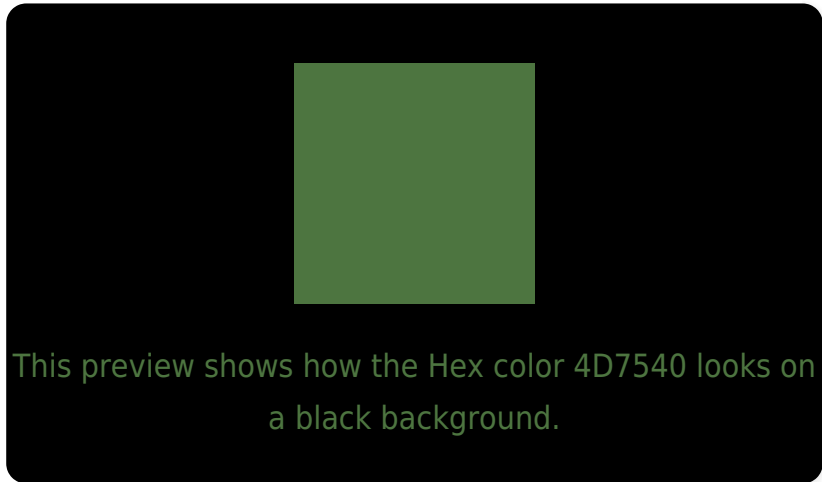
Large Text (above 18pt) WCAG AA ✓ Pass

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

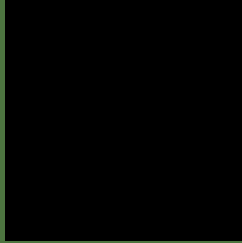
Any Text WCAG AA × Fail

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 4D7540 Background



This preview shows how black text looks on a background with the Hex color 4D7540.



This preview shows how white text looks on a background with the Hex color 4D7540.

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
4D7540

Protanopia
756B3C

Deuteranopia
806644



Tritanopia
566F78

Trichromacy



Original Color
4D7540

Protanomaly
666F3D

Deuteranomaly
6D6B43

Tritanomaly
537164

Monochromacy



Original Color
4D7540

Achromatopsia
636363

Achromatomaly
5B6A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7540 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 #4D7540 looks like.

```
.text, #text, p{  
    color:#4D7540  
}
```

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 #4D7540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7540
}
```

Border

The CSS property to change the border of an element to Hex 4D7540 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".

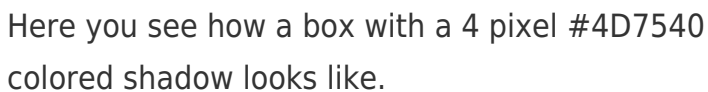
```
.border, #border, table{ border:4px solid
#4D7540 }
```

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

```
.border{ border-color:#4D7540 }
```

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

Here you see how a box with a 4 pixel #4D7540 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7540; -webkit-box-shadow:4px 4px  
4px 4px #4D7540; box-shadow:4px 4px 4px  
4px #4D7540 }
```

Background

The CSS property to change the background color of an element to Hex 4D7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7540 }
```

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

```
.background{ background-color:#4D7540 }
```

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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