

Converting Colors

Hex(4D7F47)

Have a look what the booklet for
Hex(4D7F47) contains.

Hex(4D7F47)	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(4D7F47)

Conversions

Conversions Part 1

Format	Color
Hex	4D7F47
RGB	77, 127, 71
RGB Percent	30%, 50%, 28%
CMY	0.6980, 0.5020, 0.7216
CMYK	0.39, 0.00, 0.44, 0.50
HSL	114°, 28%, 39%
HSV	114°, 44%, 50%
XYZ	11.7873, 17.2115, 8.6621
YIQ	105.6660, -11.8240, -28.0160

Conversions

Conversions Part 2

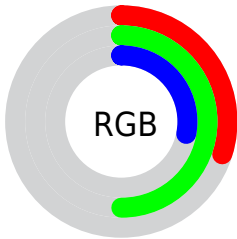
Format	Color
R_{YB}	71, 127, 121
Decimal	5078855
CIE _{Lab}	48.53, -28.78, 25.23
CIE _{LCh}	49, 38.279, 138.761
Yxy	17.2115, 0.3130, 0.4570
Android (android.graphics.Color)	4283268935 (0xFF4D7F47)
YUV	105.6660, -17.0903, -25.1401
Hunter-Lab	41.4867, -21.8860, 16.6614

Details

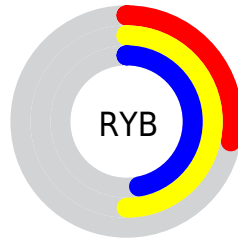
The Hex color **4D7F47** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **79477F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **80B478**, and **1B4D19** is the 20% darker color. If you saturate the color by 10%, you get **427F3A**, and if you desaturate by 10%, it is **587F54**.

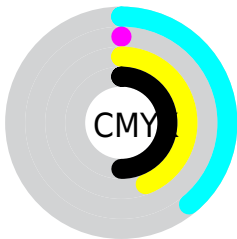
Distribution



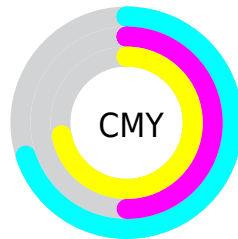
- Red (30%)
- Green (50%)
- Blue (28%)



- Red (28%)
- Yellow (50%)
- Blue (47%)



- Cyan (39%)
- Magenta (0%)
- Yellow (44%)
- Black (50%)



- Cyan (70%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7F47 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 4D7F47 by changing the saturation by 10% instead.



4D7F47



4D7F47

FFFFFF



346630



80B478



1B4D19



9BD092



003601



B7ECAD



002200



D3FFC9



000000



EFFFE5



4D7F47



4D7F47



427F3A



587F54



367F2E



647F60

 2B7F21

 6F7F6D

 207F14

 7A7F7A

 147F07

 867F86

 0E7F00

 917F93

 9C7FA0

 A87FAD

 B37FB9

Harmonies

Analogous

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



727833



4D7F47



098366

Triad

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



4D7F47



027AB2



B05960

Complementary

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



4D7F47



79477F

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.



A95981



4D7F47



626FB0

Square

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



4D7F47



0081A3



8F639E



A76144

Rectangle

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



4D7F47



00847C



8F639E



B0586B

Sweetspot

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



4D7F47



93A690



7F7847



485447



D4D4D4



545454

Same Dimension

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



4D7F47



57A64E



477F5C



3A4039



0E8000



000000

Inverse Universe

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



79477F



9C4EA6



7F476A



3F3940



720080



000000

Previews

White Background



This preview shows how the Hex color 4D7F47 looks on a white background.

Color Contrast Check

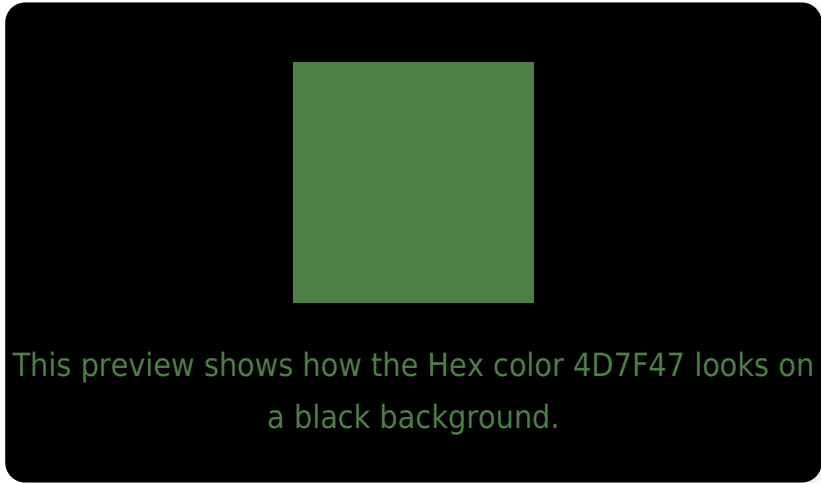
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D7F47 Background



This preview shows how black text looks on a background with the Hex color 4D7F47.

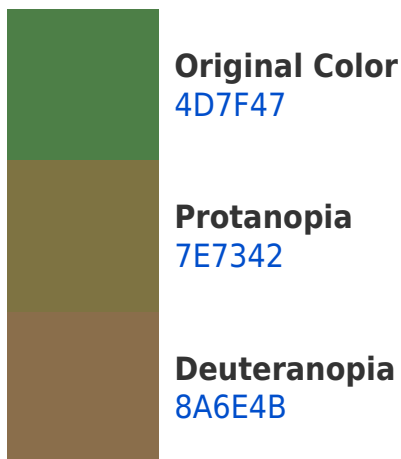


This preview shows how white text looks on a background with the Hex color 4D7F47.

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





Tritanopia
587882

Trichromacy



Original Color
4D7F47

Protanomaly
6C7744

Deuteranomaly
74744A

Tritanomaly
547B6D

Monochromacy



Original Color
4D7F47

Achromatopsia
6A6A6A

Achromatomaly
5F725D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7F47 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 #4D7F47 looks like.

```
.text, #text, p{  
    color:#4D7F47  
}
```

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 #4D7F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7F47
}
```

Border

The CSS property to change the border of an element to Hex 4D7F47 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".

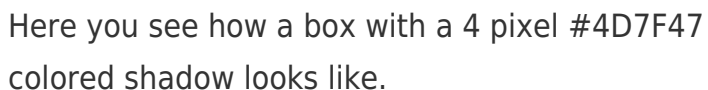
```
.border, #border, table{ border:4px solid
#4D7F47 }
```

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

```
.border{ border-color:#4D7F47 }
```

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

Here you see how a box with a 4 pixel #4D7F47 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7F47; -webkit-box-shadow:4px 4px  
4px 4px #4D7F47; box-shadow:4px 4px 4px  
4px #4D7F47 }
```

Background

The CSS property to change the background color of an element to Hex 4D7F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7F47 }
```

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

```
.background{ background-color:#4D7F47 }
```

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