

# Converting Colors

Hex(4F7E4B)

Have a look what the booklet for  
Hex(4F7E4B) contains.

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# Color

Hex(4F7E4B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7E4B
RGB	79, 126, 75
RGB Percent	31%, 49%, 29%
CMY	0.6902, 0.5059, 0.7059
CMYK	0.37, 0.00, 0.40, 0.51
HSL	115°, 25%, 39%
HSV	115°, 40%, 49%
XYZ	11.9553, 17.0920, 9.3256
YIQ	106.1330, -11.6410, -25.8250

# Conversions

## Conversions Part 2

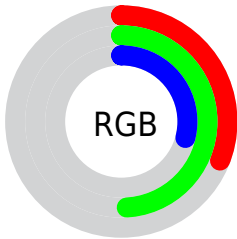
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 126, 122
Decimal	5209675
CIELab	48.38, -26.96, 22.83
CIElCh	48, 35.330, 139.738
Yxy	17.0920, 0.3116, 0.4454
Android (android.graphics.Color)	4283399755 (0xFF4F7E4B)
YUV	106.1330, -15.3486, -23.7956
Hunter-Lab	41.3424, -20.7311, 15.5657

# Details

The Hex color **4F7E4B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7A4B7E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **82B37C**, and **1E4C1E** is the 20% darker color. If you saturate the color by 10%, you get **437E3E**, and if you desaturate by 10%, it is **5B7E58**.

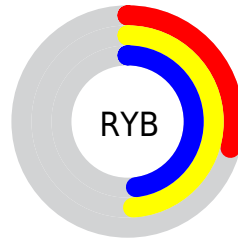
# Distribution



Red (31%)

Green (49%)

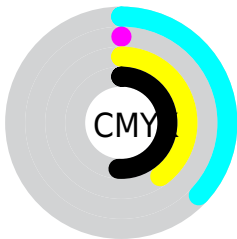
Blue (29%)



Red (29%)

Yellow (49%)

Blue (48%)

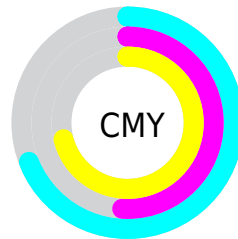


Cyan (37%)

Magenta (0%)

Yellow (40%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7E4B 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 4F7E4B by changing the saturation by 10% instead.





4F7E4B



4F7E4B

FFFFFF



366534



82B37C



1E4C1E



9DCF96



033507



B8EBB1



002100



D4FFCD



000000



F1FFE9



4F7E4B



4F7E4B



437E3E



5B7E58



387E32



667E64

 2C7E25

 727E71

 217E19

 7D7E7D

 157E0C

 897E8A

 0A7E00

 957E97

 A07EA3

 AC7EB0

 B87EBC

# Harmonies

## Analogous

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



727739



4F7E4B



1C8267

# Triad

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



4F7E4B



2579AD



AC5B60

# Complementary

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



4F7E4B



7A4B7E

# 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.



A55B7E



4F7E4B



656FAB

# Square

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



4F7E4B



007FA0



8E649A



A36346

# Rectangle

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



4F7E4B



00827C



8E649A



AB5A6A



# Sweetspot

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



4F7E4B



91A390



7E7A4B



475246



D1D1D1



525252



# Same Dimension

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



4F7E4B



5AA353



4B7E60



3A4039



0A8000



000000



# Inverse Universe

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



7A4B7E



9D53A3



7E4B69



3F3940



760080



000000



# Previews

## White Background



This preview shows how the Hex color 4F7E4B 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

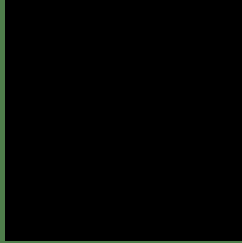
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F7E4B Background



This preview shows how black text looks on a background with the Hex color 4F7E4B.



This preview shows how white text looks on a background with the Hex color 4F7E4B.

# 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**  
4F7E4B

**Protanopia**  
7D7246

**Deuteranopia**  
896D4F



**Tritanopia**  
597881

# Trichromacy



**Original Color**  
4F7E4B

**Protanomaly**  
6C7648

**Deuteranomaly**  
74734E

**Tritanomaly**  
557A6D

# Monochromacy



**Original Color**  
4F7E4B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
60715F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7E4B 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 #4F7E4B looks like.

```
.text, #text, p{  
    color:#4F7E4B  
}
```

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 #4F7E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7E4B
}
```

## Border

The CSS property to change the border of an element to Hex 4F7E4B 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
#4F7E4B }
```

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

```
.border{ border-color:#4F7E4B }
```

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

Here you see how a box with a 4 pixel #4F7E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7E4B; -webkit-box-shadow:4px 4px  
4px 4px #4F7E4B; box-shadow:4px 4px 4px  
4px #4F7E4B }
```

# Background

The CSS property to change the background color of an element to Hex 4F7E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7E4B }
```

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

```
.background{ background-color:#4F7E4B }
```

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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