

# Converting Colors

Hex(4F7A4F)

Have a look what the booklet for  
Hex(4F7A4F) contains.

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# Color

Hex(4F7A4F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7A4F
RGB	79, 122, 79
RGB Percent	31%, 48%, 31%
CMY	0.6902, 0.5216, 0.6902
CMYK	0.35, 0.00, 0.35, 0.52
HSL	120°, 21%, 39%
HSV	120°, 35%, 48%
XYZ	11.5953, 16.1458, 9.9025
YIQ	104.2410, -11.8250, -22.4890

# Conversions

## Conversions Part 2

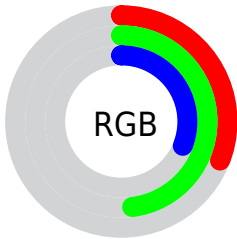
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 122, 122
Decimal	5208655
CIE <sub>Lab</sub>	47.17, -24.28, 18.96
CIE <sub>LCh</sub>	47, 30.812, 142.011
Yxy	16.1458, 0.3080, 0.4289
Android (android.graphics.Color)	4283398735 (0xFF4F7A4F)
YUV	104.2410, -12.4438, -22.1364
Hunter-Lab	40.1819, -18.8087, 13.5158

# Details

The Hex color **4F7A4F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7A4F7A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **82AF81**, and **1F4922** is the 20% darker color. If you saturate the color by 10%, you get **437A43**, and if you desaturate by 10%, it is **5B7A5B**.

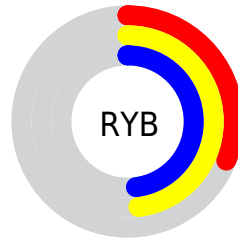
# Distribution



Red (31%)

Green (48%)

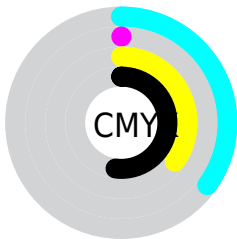
Blue (31%)



Red (31%)

Yellow (48%)

Blue (48%)

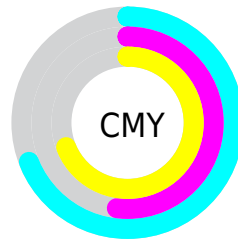


Cyan (35%)

Magenta (0%)

Yellow (35%)

Black (52%)



Cyan (69%)

Magenta (52%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7A4F 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 4F7A4F by changing the saturation by 10% instead.





4F7A4F



4F7A4F

FFFFFF



376138



82AF81



1F4922



9CCA9B



05320C



B8E6B6



001E00



D4FFD1



000000



F0FFEE



4F7A4F



4F7A4F



437A43



5B7A5B



377A37



677A67

■ 2A7A2A

■ 747A74

■ 1E7A1E

■ 807A80

■ 127A12

■ 8C7A8C

■ 067A06

■ 987A98

■ 007A00

■ A47AA4

■ B17AB1

■ BD7ABD

# Harmonies

## Analogous

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



6D743F



4F7A4F



297D68

# Triad

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



4F7A4F



3A75A3



A25C5E

# Complementary

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



4F7A4F



7A4F7A

# 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.



9D5C78



4F7A4F



686CA0

# Square

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



4F7A4F



007B98



8A6290



996348

# Rectangle

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



4F7A4F



007E7A



8A6290



A25B66



# Sweetspot

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



4F7A4F



8D9E8D



7A7A4F



454F45



CFCFCF



4F4F4F



# Same Dimension

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



4F7A4F



5C9E5C



4F7A65



373D37



007D00



00FC00



# Inverse Universe

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



7A4F7A



9E5C9E



7A4F65



3D373D



7D007D

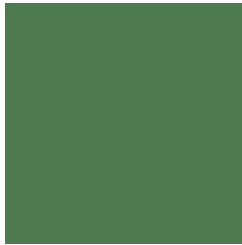


FC00FC



# Previews

## White Background



This preview shows how the Hex color 4F7A4F looks on a white background.

## Color Contrast Check

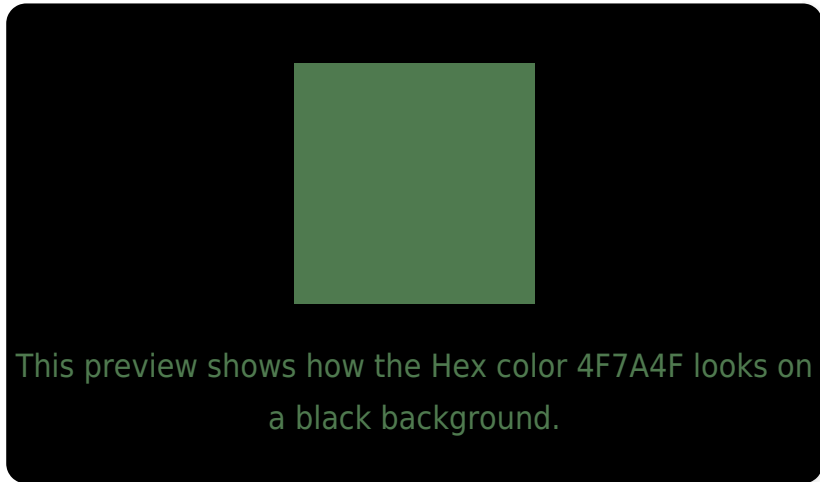
Large Text (above 18pt) WCAG AA ✓ Pass

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

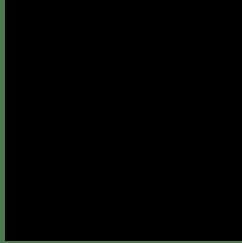
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F7A4F Background



This preview shows how black text looks on a background with the Hex color 4F7A4F.



This preview shows how white text looks on a background with the Hex color 4F7A4F.

# 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**  
4F7A4F

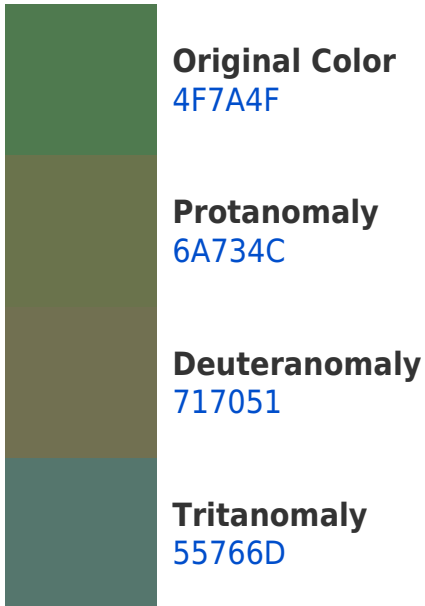
**Protanopia**  
796F4B

**Deuteranopia**  
846B52



**Tritanopia**  
58747E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7A4F 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 #4F7A4F looks like.

```
.text, #text, p{  
    color:#4F7A4F  
}
```

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 #4F7A4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7A4F
}
```

## Border

The CSS property to change the border of an element to Hex 4F7A4F 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
#4F7A4F }
```

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

```
.border{ border-color:#4F7A4F }
```

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

Here you see how a box with a 4 pixel #4F7A4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7A4F; -webkit-box-shadow:4px 4px  
4px 4px #4F7A4F; box-shadow:4px 4px 4px  
4px #4F7A4F }
```

# Background

The CSS property to change the background color of an element to Hex 4F7A4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7A4F }
```

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

```
.background{ background-color:#4F7A4F }
```

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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