

Converting Colors

Hex(4F7D4F)

Have a look what the booklet for
Hex(4F7D4F) contains.

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Color

Hex(4F7D4F)

Conversions

Conversions Part 1

Format	Color
Hex	4F7D4F
RGB	79, 125, 79
RGB Percent	31%, 49%, 31%
CMY	0.6902, 0.5098, 0.6902
CMYK	0.37, 0.00, 0.37, 0.51
HSL	120°, 23%, 40%
HSV	120°, 37%, 49%
XYZ	11.9693, 16.8940, 10.0272
YIQ	106.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

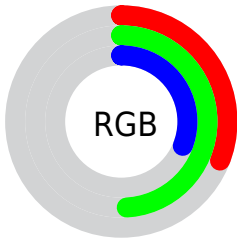
Format	Color
RYB	79, 125, 125
Decimal	5209423
CIELab	48.13, -25.79, 20.25
CIELCh	48, 32.785, 141.864
Yxy	16.8940, 0.3078, 0.4344
Android (android.graphics.Color)	4283399503 (0xFF4F7D4F)
YUV	106.0020, -13.3120, -23.6808
Hunter-Lab	41.1023, -19.9483, 14.3075

Details

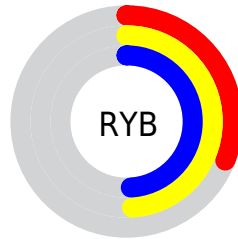
The Hex color **4F7D4F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7D4F7D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **82B281**, and **1E4C22** is the 20% darker color. If you saturate the color by 10%, you get **437D43**, and if you desaturate by 10%, it is **5C7D5C**.

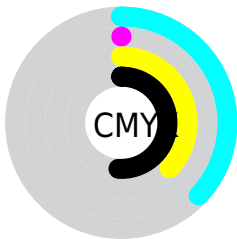
Distribution



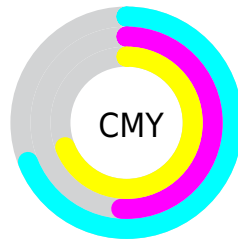
- Red (31%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (49%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (51%)



- Cyan (69%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7D4F 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 4F7D4F by changing the saturation by 10% instead.



4F7D4F



4F7D4F

FFFFFF



376438



82B281



1E4C22



9DCE9B



03340C



B8EAB6



002000



D4FFD1



000000



F1FFEE



4F7D4F



4F7D4F



437D43



5C7D5C



367D36



687D68

■ 2A7D2A

■ 757D75

■ 1D7D1D

■ 817D81

■ 117D11

■ 8E7D8E

■ 047D04

■ 9A7D9A

■ 007D00

■ A77DA7

■ B37DB3

■ C07DC0

Harmonies

Analogous

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



6F773D



4F7D4F



248069

Triad

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



4F7D4F



3677A9



A75D5F

Complementary

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



4F7D4F



7D4F7D

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.



A25D7B



4F7D4F



696EA6

Square

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



4F7D4F



007E9D



8D6495



9E6448

Rectangle

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



4F7D4F



00817D



8D6495



A75C68

Sweetspot

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



4F7D4F



91A391



7D7D4F



475247



D1D1D1



525252

Same Dimension

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



4F7D4F



5BA35B



4F7D66



394039



008000



000000

Inverse Universe

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



7D4F7D



A35BA3



7D4F66



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 4F7D4F looks on a white background.

Color Contrast Check

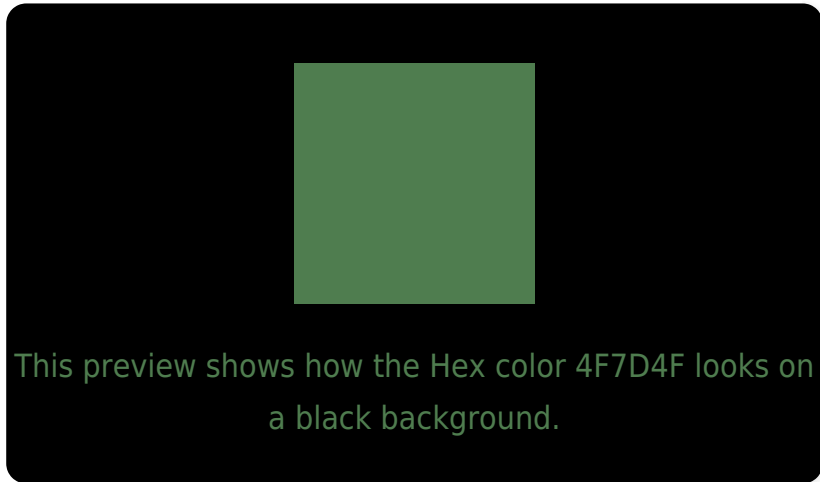
Large Text (above 18pt) WCAG AA ✓ Pass

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

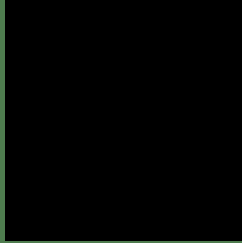
Any Text WCAG AA × Fail

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 4F7D4F Background



This preview shows how black text looks on a background with the Hex color 4F7D4F.



This preview shows how white text looks on a background with the Hex color 4F7D4F.

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
4F7D4F

Protanopia
7C724A

Deuteranopia
876D53



Tritanopia
587781

Trichromacy



Original Color
4F7D4F

Protanomaly
6C764C

Deuteranomaly
737352

Tritanomaly
55796F

Monochromacy



Original Color
4F7D4F

Achromatopsia
6A6A6A

Achromatomaly
607160

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7D4F 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 #4F7D4F looks like.

```
.text, #text, p{  
    color:#4F7D4F  
}
```

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 #4F7D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7D4F
}
```

Border

The CSS property to change the border of an element to Hex 4F7D4F 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".

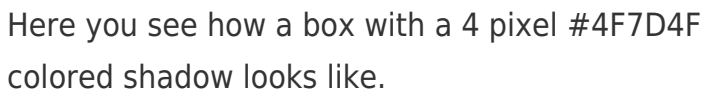
```
.border, #border, table{ border:4px solid
#4F7D4F }
```

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

```
.border{ border-color:#4F7D4F }
```

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

Here you see how a box with a 4 pixel #4F7D4F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7D4F; -webkit-box-shadow:4px 4px  
4px 4px #4F7D4F; box-shadow:4px 4px 4px  
4px #4F7D4F }
```

Background

The CSS property to change the background color of an element to Hex 4F7D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7D4F }
```

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

```
.background{ background-color:#4F7D4F }
```

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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