

# Converting Colors

Hex(4F6A2F)

Have a look what the booklet for  
Hex(4F6A2F) contains.

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# Color

**Hex(4F6A2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F6A2F
RGB	79, 106, 47
RGB Percent	31%, 42%, 18%
CMY	0.6902, 0.5843, 0.8157
CMYK	0.25, 0.00, 0.56, 0.58
HSL	87°, 39%, 30%
HSV	87°, 56%, 42%
XYZ	8.8916, 12.1756, 4.5708
YIQ	91.2010, 2.8470, -24.0730

# Conversions

## Conversions Part 2

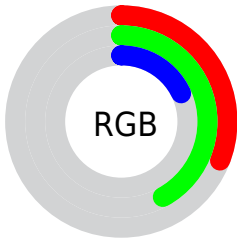
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 106, 74
Decimal	5204527
CIELab	41.49, -20.84, 29.62
CIELCh	41, 36.215, 125.131
Yxy	12.1756, 0.3468, 0.4749
Android (android.graphics.Color)	4283394607 (0xFF4F6A2F)
YUV	91.2010, -21.7911, -10.7003
Hunter-Lab	34.8935, -15.5782, 16.6589

# Details

The Hex color **4F6A2F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4A2F6A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **829D5F**, and **203A00** is the 20% darker color. If you saturate the color by 10%, you get **4A6A24**, and if you desaturate by 10%, it is **546A3A**.

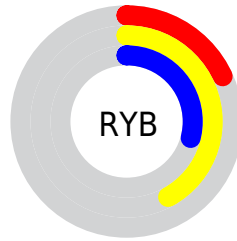
# Distribution



 Red (31%)

 Green (42%)

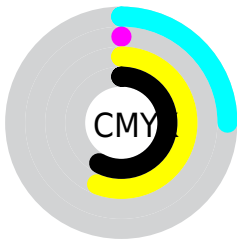
 Blue (18%)




 Red (18%)

 Yellow (42%)

 Blue (29%)

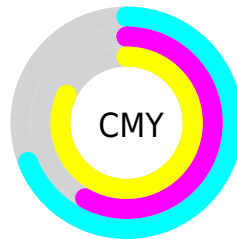


 Cyan (25%)

 Magenta (0%)

 Yellow (56%)

 Black (58%)



 Cyan (69%)

 Magenta (58%)

 Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6A2F 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 4F6A2F by changing the saturation by 10% instead.





4F6A2F



4F6A2F

FFFFFF



375218



829D5F



203A00



9CB878



072500



B8D492



000A00



D4F1AD



000000



F0FFC9



FFFFE5



4F6A2F



4F6A2F



4A6A24



546A3A

■ 456A1A

■ 596A44

■ 406A0F

■ 5E6A4F

■ 3C6A05

■ 626A59

■ 396A00

■ 676A64

■ 6C6A6F

■ 716A79

■ 766A84

■ 7B6A8E

# Harmonies

## Analogous

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



6E6224



4F6A2F



246F48

# Triad

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



4F6A2F



006C97



99485E

# Complementary

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



4F6A2F



4A2F6A

# 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.



8B4D7B



4F6A2F



35639D

# Square

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



4F6A2F



007083



6B5893



964D41

# Rectangle

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



4F6A2F



00705C



6B5893



964968



# Sweetspot

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



4F6A2F



7F8A72



6A4A2F



3F4537



C4C4C4



454545



# Same Dimension

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



4F6A2F



5F8A2D



326A2F



333630



407500



85F500



# Inverse Universe

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



4A2F6A



582D8A



672F6A



333036



360075



7000F5



# Previews

## White Background



This preview shows how the Hex color 4F6A2F looks on a white background.

## Color Contrast Check

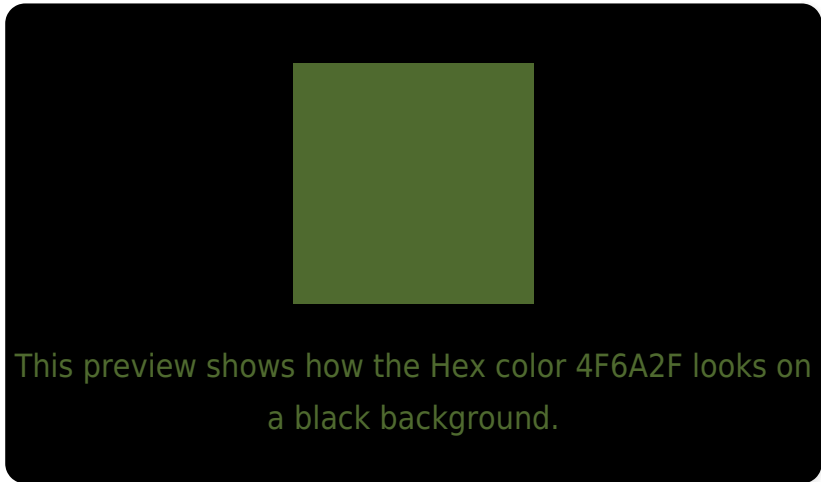
Large Text (above 18pt) WCAG AA ✓ Pass

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

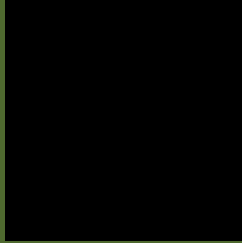
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F6A2F Background



This preview shows how black text looks on a background with the Hex color 4F6A2F.



This preview shows how white text looks on a background with the Hex color 4F6A2F.

# 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](#).

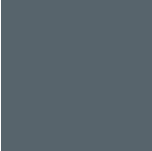
## Dichromacy



**Original Color**  
4F6A2F

**Protanopia**  
6C622C

**Deuteranopia**  
785D33



**Tritanopia**  
57646C

# Trichromacy



**Original Color**  
4F6A2F

**Protanomaly**  
61652D

**Deuteranomaly**  
696232

**Tritanomaly**  
546656

# Monochromacy



**Original Color**  
4F6A2F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
57604B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6A2F 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 #4F6A2F looks like.

```
.text, #text, p{  
    color:#4F6A2F  
}
```

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 #4F6A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6A2F
}
```

## Border

The CSS property to change the border of an element to Hex 4F6A2F 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
#4F6A2F }
```

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

```
.border{ border-color:#4F6A2F }
```

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

Here you see how a box with a 4 pixel #4F6A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6A2F; -webkit-box-shadow:4px 4px  
4px 4px #4F6A2F; box-shadow:4px 4px 4px  
4px #4F6A2F }
```

# Background

The CSS property to change the background color of an element to Hex 4F6A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6A2F }
```

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

```
.background{ background-color:#4F6A2F }
```

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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