

Converting Colors

Hex(4F7A1F)

Have a look what the booklet for
Hex(4F7A1F) contains.

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Color

Hex(4F7A1F)

Conversions

Conversions Part 1

Format	Color
Hex	4F7A1F
RGB	79, 122, 31
RGB Percent	31%, 48%, 12%
CMY	0.6902, 0.5216, 0.8784
CMYK	0.35, 0.00, 0.75, 0.52
HSL	88°, 59%, 30%
HSV	88°, 75%, 48%
XYZ	10.4313, 15.6803, 3.7731
YIQ	98.7690, 3.5830, -37.4170

Conversions

Conversions Part 2

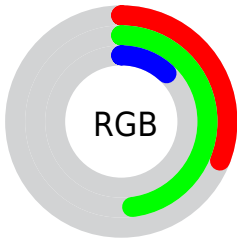
Format	Color
R_{YB}	31, 122, 74
Decimal	5208607
CIE _{Lab}	46.55, -30.23, 42.64
CIE _{LCh}	47, 52.274, 125.335
Yxy	15.6803, 0.3491, 0.5247
Android (android.graphics.Color)	4283398687 (0xFF4F7A1F)
YUV	98.7690, -33.4101, -17.3374
Hunter-Lab	39.5983, -22.2751, 22.0694

Details

The Hex color **4F7A1F** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4A1F7A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **84AF52**, and **1C4900** is the 20% darker color. If you saturate the color by 10%, you get **497A13**, and if you desaturate by 10%, it is **557A2B**.

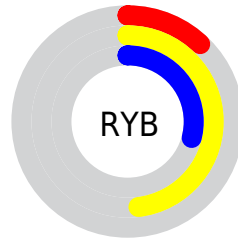
Distribution



Red (31%)

Green (48%)

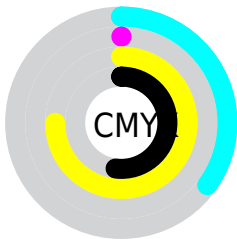
Blue (12%)



Red (12%)

Yellow (48%)

Blue (29%)

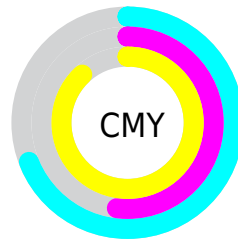


Cyan (35%)

Magenta (0%)

Yellow (75%)

Black (52%)



Cyan (69%)

Magenta (52%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7A1F 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 4F7A1F by changing the saturation by 10% instead.



4F7A1F



4F7A1F

FFFFFF



356100



84AF52



1C4900



9FCA6B



003200



BBE785



001F00



D7FFA0



000000



F4FFBC



FFFFD8



FFFFF5



4F7A1F



4F7A1F

■ 497A13

■ 557A2B

■ 437A07

■ 5B7A37

■ 407A00

■ 607A44

■ 667A50

■ 6C7A5C

■ 727A68

■ 777A74

■ 7D7A81

■ 837A8D

Harmonies

Analogous

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



7D6F03



4F7A1F



008048

Triad

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



4F7A1F



007CBE



BC4268

Complementary

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



4F7A1F



4A1F7A

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.



A94C94



4F7A1F



0071C6

Square

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



4F7A1F



0082A0



795FB6



B84C3E

Rectangle

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



4F7A1F



008266



795FB6



B94377

Sweetspot

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



4F7A1F



8E9E7B



7A491F



454F3A



CFCFCF



4F4F4F

Same Dimension

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



4F7A1F



5B9E10



227A1F



3A3D37



427D00



85FC00

Inverse Universe

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



4A1F7A



53109E



771F7A



3A373D



3B007D



7700FC

Previews

White Background



This preview shows how the Hex color 4F7A1F looks on a white background.

Color Contrast Check

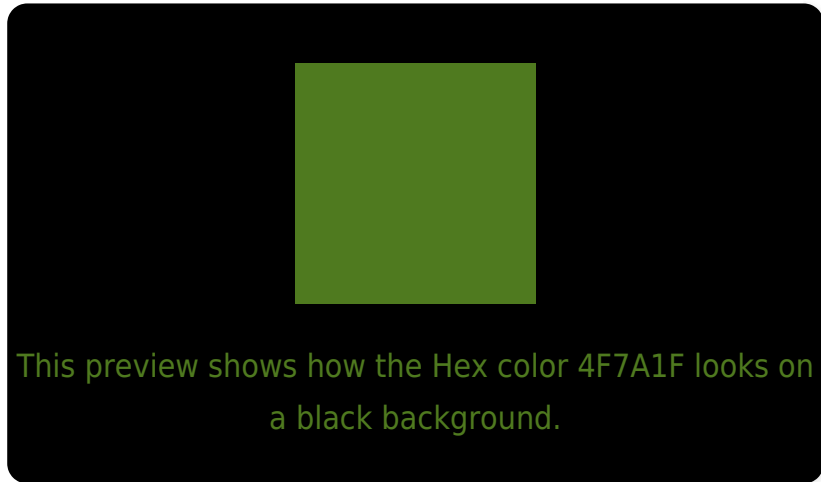
Large Text (above 18pt) WCAG AA ✓ Pass

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

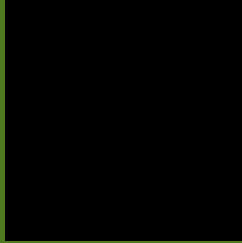
Any Text WCAG AA × Fail

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 4F7A1F Background



This preview shows how black text looks on a background with the Hex color 4F7A1F.



This preview shows how white text looks on a background with the Hex color 4F7A1F.

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
4F7A1F

Protanopia
7B6E1C

Deuteranopia
896826



Tritanopia
5B727B

Trichromacy



Original Color
4F7A1F

Protanomaly
6B721D

Deuteranomaly
746F23

Tritanomaly
57755A

Monochromacy



Original Color
4F7A1F

Achromatopsia
636363

Achromatomaly
5C6B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7A1F 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 #4F7A1F looks like.

```
.text, #text, p{  
    color:#4F7A1F  
}
```

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 #4F7A1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7A1F
}
```

Border

The CSS property to change the border of an element to Hex 4F7A1F 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
#4F7A1F }
```

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

```
.border{ border-color:#4F7A1F }
```

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

Here you see how a box with a 4 pixel #4F7A1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7A1F; -webkit-box-shadow:4px 4px  
4px 4px #4F7A1F; box-shadow:4px 4px 4px  
4px #4F7A1F }
```

Background

The CSS property to change the background color of an element to Hex 4F7A1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7A1F }
```

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

```
.background{ background-color:#4F7A1F }
```

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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