

Converting Colors

Hex(4F6E1D)

Have a look what the booklet for
Hex(4F6E1D) contains.

Hex(4F6E1D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4F6E1D)

Conversions

Conversions Part 1

Format	Color
Hex	4F6E1D
RGB	79, 110, 29
RGB Percent	31%, 43%, 11%
CMY	0.6902, 0.5686, 0.8863
CMYK	0.28, 0.00, 0.74, 0.57
HSL	83°, 58%, 27%
HSV	83°, 74%, 43%
XYZ	9.0222, 12.9028, 3.1774
YIQ	91.4970, 7.5250, -31.7630

Conversions

Conversions Part 2

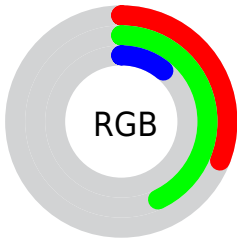
Format	Color
R_{YB}	29, 110, 60
Decimal	5205533
CIE Lab	42.62, -24.57, 39.49
CIE LCh	43, 46.510, 121.894
Yxy	12.9028, 0.3594, 0.5140
Android (android.graphics.Color)	4283395613 (0xFF4F6E1D)
YUV	91.4970, -30.8110, -10.9599
Hunter-Lab	35.9205, -18.0271, 19.8998

Details

The Hex color **4F6E1D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3C1D6E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **83A24E**, and **1F3E00** is the 20% darker color. If you saturate the color by 10%, you get **4B6E12**, and if you desaturate by 10%, it is **536E28**.

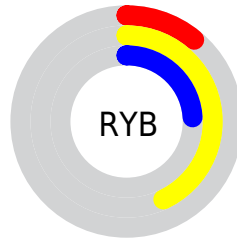
Distribution



Red (31%)

Green (43%)

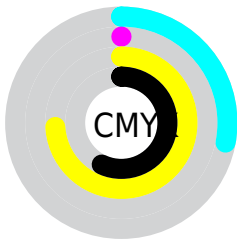
Blue (11%)



Red (11%)

Yellow (43%)

Blue (24%)

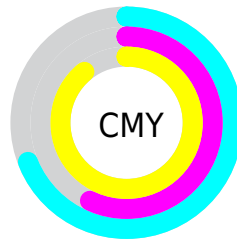


Cyan (28%)

Magenta (0%)

Yellow (74%)

Black (57%)



Cyan (69%)

Magenta (57%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F6E1D 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 4F6E1D by changing the saturation by 10% instead.



4F6E1D



4F6E1D

FFFFFF



365601



83A24E



1F3E00



9EBD68



022800



B9D982



001100



D6F59C



000000



F3FFB8



FFFFD4



FFFFF0



4F6E1D



4F6E1D

■ 4B6E12

■ 536E28

■ 476E07

■ 576E33

■ 446E00

■ 5C6E3E

■ 606E49

■ 646E54

■ 686E5F

■ 6C6E6A

■ 716E75

■ 756E80

Harmonies

Analogous

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



76640C



4F6E1D



05743F

Triad

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



4F6E1D



0072A8



A93F64

Complementary

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



4F6E1D



3C1D6E

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.



954989



4F6E1D



0068B2

Square

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



4F6E1D



00768C



6859A6



A7463E

Rectangle

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



4F6E1D



007659



6859A6



A54171

Sweetspot

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



4F6E1D



838F6F



6E3B1D



404735



C7C7C7



474747

Same Dimension

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



4F6E1D



5F8F11



286E1D



363832



4A7800



99F700

Inverse Universe

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



3C1D6E



41118F



631D6E



353238



2E0078



5F00F7

Previews

White Background



This preview shows how the Hex color 4F6E1D looks on a white background.

Color Contrast Check

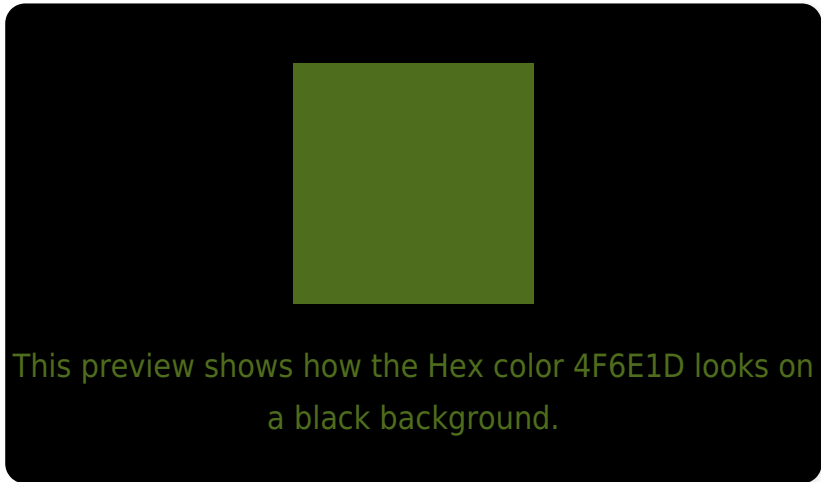
Large Text (above 18pt) WCAG AA ✓ Pass

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

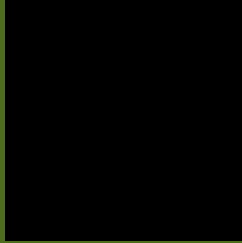
Any Text WCAG AA × Fail

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 4F6E1D Background



This preview shows how black text looks on a background with the Hex color 4F6E1D.



This preview shows how white text looks on a background with the Hex color 4F6E1D.

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](#).

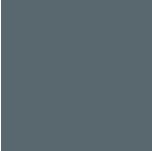
Dichromacy



Original Color
4F6E1D

Protanopia
71651B

Deuteranopia
7D5F23



Tritanopia
59676F

Trichromacy



Original Color
4F6E1D

Protanomaly
65681C

Deuteranomaly
6C6421

Tritanomaly
556A51

Monochromacy



Original Color
4F6E1D

Achromatopsia
5B5B5B

Achromatomaly
576244

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F6E1D 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 #4F6E1D looks like.

```
.text, #text, p{  
    color:#4F6E1D  
}
```

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 #4F6E1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6E1D
}
```

Border

The CSS property to change the border of an element to Hex 4F6E1D 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
#4F6E1D }
```

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

```
.border{ border-color:#4F6E1D }
```

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

Here you see how a box with a 4 pixel #4F6E1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6E1D; -webkit-box-shadow:4px 4px  
4px 4px #4F6E1D; box-shadow:4px 4px 4px  
4px #4F6E1D }
```

Background

The CSS property to change the background color of an element to Hex 4F6E1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6E1D }
```

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

```
.background{ background-color:#4F6E1D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor