

# Converting Colors

Hex(4F4826)

Have a look what the booklet for  
Hex(4F4826) contains.

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# Color

**Hex(4F4826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F4826
RGB	79, 72, 38
RGB Percent	31%, 28%, 15%
CMY	0.6902, 0.7176, 0.8510
CMYK	0.00, 0.09, 0.52, 0.69
HSL	50°, 35%, 23%
HSV	50°, 52%, 31%
XYZ	5.8917, 6.4369, 2.7657
YIQ	70.2170, 15.0860, -9.0900

# Conversions

## Conversions Part 2

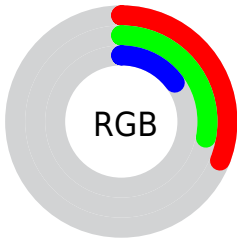
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 79, 38
Decimal	5195814
CIE Lab	30.49, -2.50, 21.36
CIE LCh	30, 21.509, 96.684
Yxy	6.4369, 0.3903, 0.4264
Android (android.graphics.Color)	4283385894 (0xFF4F4826)
YUV	70.2170, -15.8830, 7.7027
Hunter-Lab	25.3711, -2.9483, 11.2967

# Details

The Hex color **4F4826** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **262D4F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **817854**, and **221D00** is the 20% darker color. If you saturate the color by 10%, you get **4F471E**, and if you desaturate by 10%, it is **4F492E**.

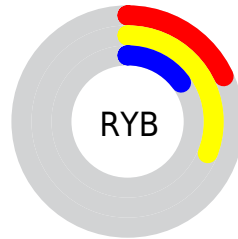
# Distribution



Red (31%)

Green (28%)

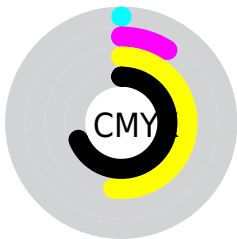
Blue (15%)



Red (18%)

Yellow (31%)

Blue (15%)

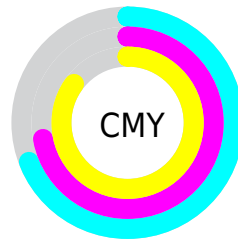


Cyan (0%)

Magenta (9%)

Yellow (52%)

Black (69%)



Cyan (69%)

Magenta (72%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F4826 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 4F4826 by changing the saturation by 10% instead.





4F4826



4F4826

FFFFFF



373211



817854



221D00



9C926C



000300



B7AC86



000000



D3C8A0



EFE4BB



FFFFD7



FFFFF3



4F4826



4F4826

■ 4F471E

■ 4F492E

■ 4F4516

■ 4F4B36

■ 4F440E

■ 4F4C3E

■ 4F4306

■ 4F4D46

■ 4F4200

■ 4F4F4E

■ 4F5055

■ 4F515D

■ 4F5365

■ 4F546D

# Harmonies

## Analogous

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



5E4229



4F4826



3D4D2C

# Triad

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



4F4826



00505B



603D55

# Complementary

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



4F4826



262D4F

# 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.



4F4263



4F4826



154D66

# Square

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



4F4826



0D514B



354869



683B45

# Rectangle

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



4F4826



2F4F35



354869



5B3E5A



# Sweetspot

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



4F4826



666356



4F262E



333129



B3B3B3



333333



# Same Dimension

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



4F4826



665B27



424F26



262622



665500



E6BE00



# Inverse Universe

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



262D4F



273266



33264F



222326



001166



0027E6



# Previews

## White Background



This preview shows how the Hex color 4F4826 looks on a white background.

## Color Contrast Check

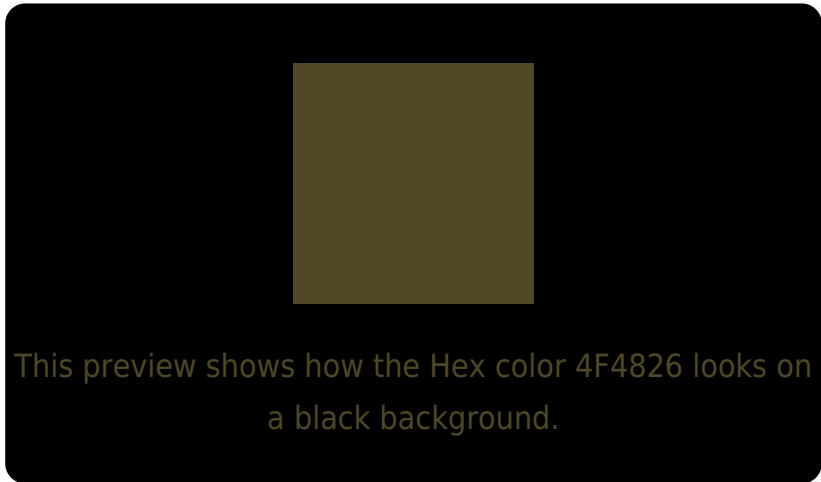
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

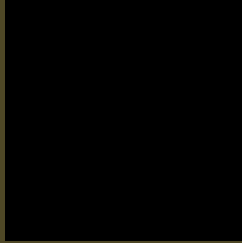
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

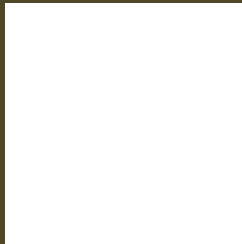
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F4826 Background



This preview shows how black text looks on a background with the Hex color 4F4826.

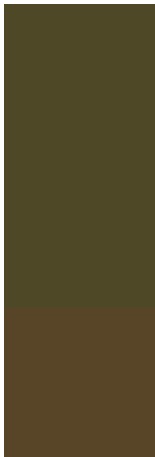


This preview shows how white text looks on a background with the Hex color 4F4826.

# 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**  
4F4826

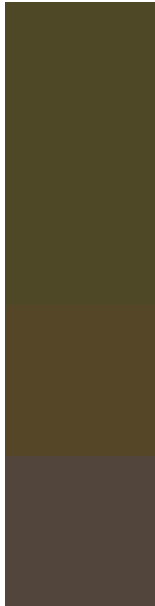
**Protanopia**  
4F4826

**Deuteranopia**  
584527



**Tritanopia**  
524449

# Trichromacy



**Original Color**  
4F4826

**Protanomaly**  
4F4826

**Deuteranomaly**  
554627

**Tritanomaly**  
51453C

# Monochromacy



**Original Color**  
4F4826

**Achromatopsia**  
464646

**Achromatomaly**  
49473A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F4826 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 #4F4826 looks like.

```
.text, #text, p{  
    color:#4F4826  
}
```

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 #4F4826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F4826
}
```

## Border

The CSS property to change the border of an element to Hex 4F4826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

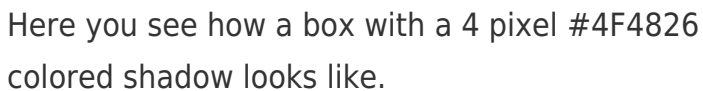
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F4826 }
```

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

```
.border{ border-color:#4F4826 }
```

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



Here you see how a box with a 4 pixel #4F4826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F4826; -webkit-box-shadow:4px 4px  
4px 4px #4F4826; box-shadow:4px 4px 4px  
4px #4F4826 }
```

# Background

The CSS property to change the background color of an element to Hex 4F4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F4826 }
```

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

```
.background{ background-color:#4F4826 }
```

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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