

Converting Colors

Hex(4F331E)

Have a look what the booklet for
Hex(4F331E) contains.

Hex(4F331E)	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(4F331E)

Conversions

Conversions Part 1

Format	Color
Hex	4F331E
RGB	79, 51, 30
RGB Percent	31%, 20%, 12%
CMY	0.6902, 0.8000, 0.8824
CMYK	0.00, 0.35, 0.62, 0.69
HSL	26°, 45%, 21%
HSV	26°, 62%, 31%
XYZ	4.6426, 4.1237, 1.7795
YIQ	56.9780, 23.4290, -0.5950

Conversions

Conversions Part 2

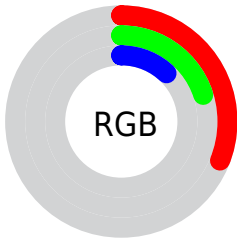
Format	Color
R_{YB}	79, 67, 30
Decimal	5190430
CIE Lab	24.08, 10.03, 18.34
CIE LCh	24, 20.905, 61.326
Yxy	4.1237, 0.4402, 0.3910
Android (android.graphics.Color)	4283380510 (0xFF4F331E)
YUV	56.9780, -13.3002, 19.3133
Hunter-Lab	20.3068, 5.2725, 9.0190




Details

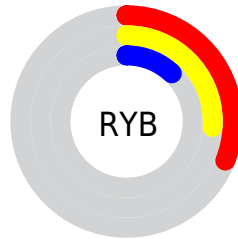
The Hex color **4F331E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E3A4F**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **82614A**, and **210600** is the 20% darker color. If you saturate the color by 10%, you get **4F2E16**, and if you desaturate by 10%, it is **4F3826**.

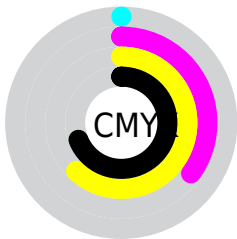
Distribution







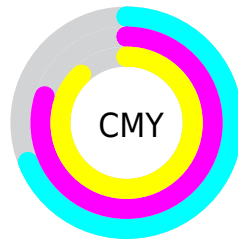
-  Red (31%)
-  Green (20%)
-  Blue (12%)






-  Red (31%)
-  Yellow (26%)
-  Blue (12%)



-  Cyan (0%)
-  Magenta (35%)
-  Yellow (62%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (80%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F331E 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 4F331E by changing the saturation by 10% instead.

 4F331E

 4F331E

FFFFFF

 371E07

 82614A

 210600

 9D7A62

 000000

 B8947B

 D5AF95

 F1CAB0

 FFE6CB

 FFFFE7

 4F331E

 4F331E

■ 4F2E16

■ 4F3826

■ 4F2A0E

■ 4F3C2E

■ 4F2506

■ 4F4136

■ 4F2200

■ 4F453E

■ 4F4A46

■ 4F4E4D

■ 4F5355

■ 4F575D

■ 4F5C65

Harmonies

Analogous

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



562E2A



4F331E



423919

Triad

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



4F331E



004139



3C3554

Complementary

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



4F331E



1E3A4F

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.



213B58



4F331E



004149

Square

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



4F331E



1E402A



003F54



4D2F49

Rectangle

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



4F331E



383C1B



003F54



343756

Sweetspot

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



4F331E



665B53



4F1E3B



332C27



B3B3B3



333333

Same Dimension

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



4F331E



663B1B



4F4B1E



262422



662C00



E66200

Inverse Universe

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



1E3A4F



1B4666



1E224F



222526



003A66



0083E6

Previews

White Background



This preview shows how the Hex color 4F331E looks on a white background.

Color Contrast Check

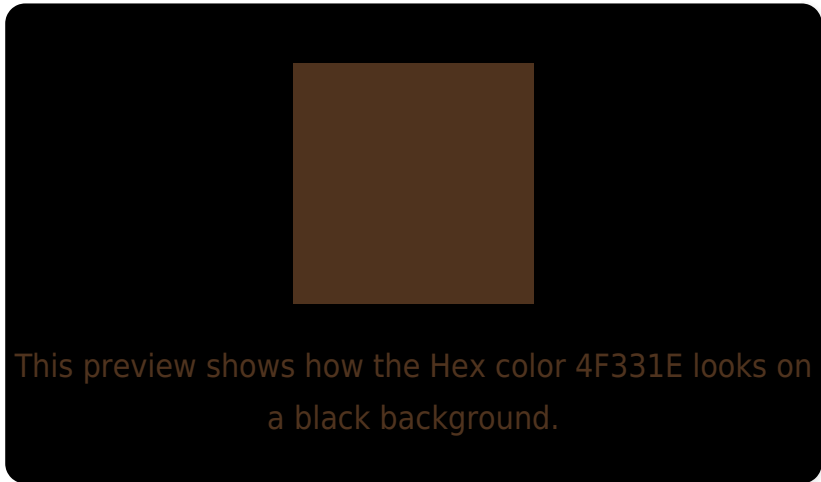
Large Text (above 18pt) WCAG AA ✓ Pass

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

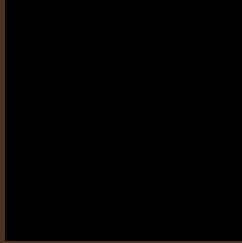
Any Text WCAG AA × Fail

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 4F331E Background



This preview shows how black text looks on a background with the Hex color 4F331E.

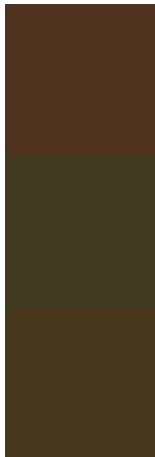


This preview shows how white text looks on a background with the Hex color 4F331E.

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
4F331E

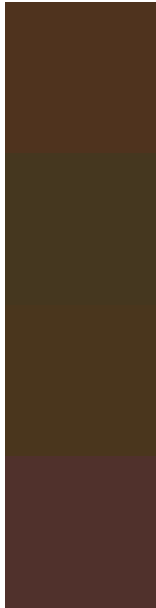
Protanopia
3F3A20

Deuteranopia
47371D



Tritanopia
513034

Trichromacy



Original Color
4F331E

Protanomaly
45371F

Deuteranomaly
4A361D

Tritanomaly
50312C

Monochromacy



Original Color
4F331E

Achromatopsia
393939

Achromatomaly
41372F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F331E 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 #4F331E looks like.

```
.text, #text, p{  
    color:#4F331E  
}
```

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 #4F331E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F331E
}
```

Border

The CSS property to change the border of an element to Hex 4F331E is called "border". The border property can be set on classes, ids or directly on the HTML element.

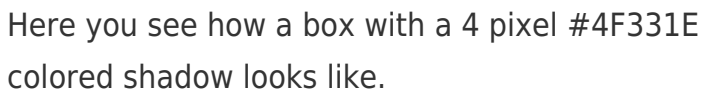
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F331E }
```

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

```
.border{ border-color:#4F331E }
```

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



Here you see how a box with a 4 pixel #4F331E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F331E; -webkit-box-shadow:4px 4px  
4px 4px #4F331E; box-shadow:4px 4px 4px  
4px #4F331E }
```

Background

The CSS property to change the background color of an element to Hex 4F331E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F331E }
```

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

```
.background{ background-color:#4F331E }
```

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