

Converting Colors

Hex(4E1B1A)

Have a look what the booklet for
Hex(4E1B1A) contains.

Hex(4E1B1A)	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(4E1B1A)

Conversions

Conversions Part 1

Format	Color
Hex	4E1B1A
RGB	78, 27, 26
RGB Percent	31%, 11%, 10%
CMY	0.6941, 0.8941, 0.8980
CMYK	0.00, 0.65, 0.67, 0.69
HSL	1°, 50%, 20%
HSV	1°, 67%, 31%
XYZ	3.7203, 2.4781, 1.2595
YIQ	42.1350, 30.7170, 10.5010

Conversions

Conversions Part 2

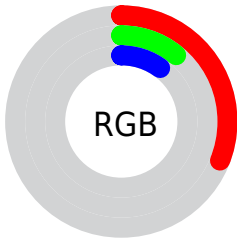
Format	Color
R_{YB}	78, 27, 26
Decimal	5118746
CIE Lab	17.82, 23.99, 13.08
CIE LCh	18, 27.324, 28.594
Yxy	2.4781, 0.4988, 0.3323
Android (android.graphics.Color)	4283308826 (0xFF4E1B1A)
YUV	42.1350, -7.9546, 31.4536
Hunter-Lab	15.7421, 14.6354, 6.2757




Details

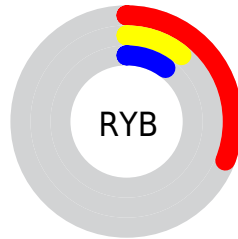
The Hex color **4E1B1A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1A4D4E**, and the grayscale version is **2A2A2A**.




A 20% lighter version of the original color is **834945**, and **1C0001** is the 20% darker color. If you saturate the color by 10%, you get **4E1312**, and if you desaturate by 10%, it is **4E2322**.

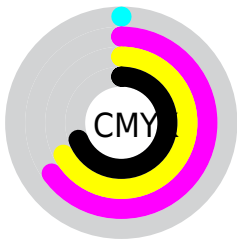
Distribution







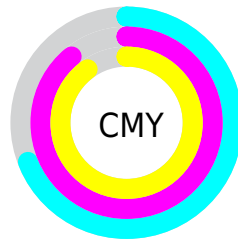
-  Red (31%)
-  Green (11%)
-  Blue (10%)






-  Red (31%)
-  Yellow (11%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (65%)
-  Yellow (67%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (89%)
-  Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1B1A 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 4E1B1A by changing the saturation by 10% instead.

 4E1B1A

 4E1B1A

FFFFFFD

 360400

 834945

 1C0001

 9E615D

 000000

 BA7B75

 D6958F

 F4B0A9

 FFCBC5

 FFE7E0

 4E1B1A

 4E1B1A

■ 4E1312

■ 4E2322

■ 4E0C0A

■ 4E2A2A

■ 4E0403

■ 4E3231

■ 4E0200

■ 4E3A39

■ 4E4141

■ 4E4949

■ 4E5151

■ 4E5858

■ 4E6060

Harmonies

Analogous

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



4E192D



4E1B1A



452307

Triad

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



4E1B1A



043316



002E53

Complementary

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



4E1B1A



1A4D4E

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.



00334D



4E1B1A



00352A

Square

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



4E1B1A



233003



00353E



2A274E

Rectangle

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



4E1B1A



3C2800



00353E



003052

Sweetspot

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



4E1B1A



665252



4E1A4D



332727



B3B3B3



333333

Same Dimension

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



4E1B1A



661614



4E351A



262222



660200



E60400

Inverse Universe

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



1A4D4E



146466



1A334E



222626



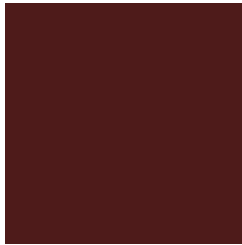
006466



00E1E6

Previews

White Background



This preview shows how the Hex color 4E1B1A looks on a white background.

Color Contrast Check

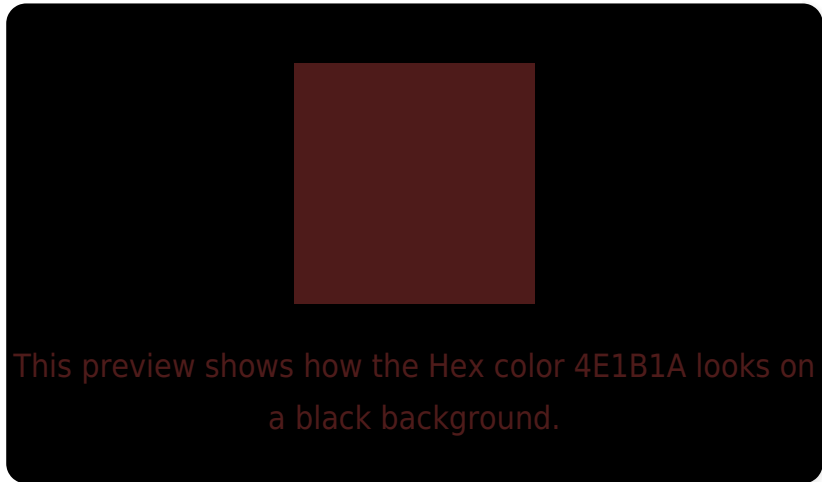
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E1B1A Background



This preview shows how black text looks on a background with the Hex color 4E1B1A.



This preview shows how white text looks on a background with the Hex color 4E1B1A.

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
4E1B1A

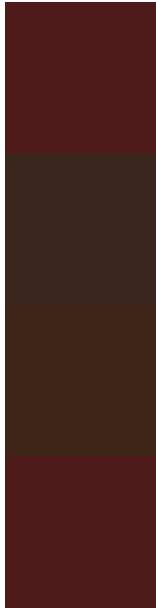
Protanopia
302D21

Deuteranopia
372B17



Tritanopia
4E1B1C

Trichromacy



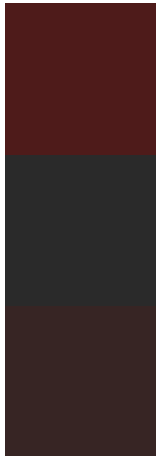
Original Color
4E1B1A

Protanomaly
3B261E

Deuteranomaly
3F2518

Tritanomaly
4E1B1B

Monochromacy



Original Color
4E1B1A

Achromatopsia
2A2A2A

Achromatomaly
372524

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1B1A 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 #4E1B1A looks like.

```
.text, #text, p{  
    color:#4E1B1A  
}
```

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 #4E1B1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1B1A
}
```

Border

The CSS property to change the border of an element to Hex 4E1B1A 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".

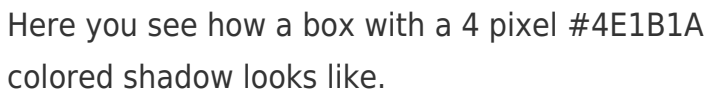
```
.border, #border, table{ border:4px solid
#4E1B1A }
```

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

```
.border{ border-color:#4E1B1A }
```

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

Here you see how a box with a 4 pixel #4E1B1A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1B1A; -webkit-box-shadow:4px 4px  
4px 4px #4E1B1A; box-shadow:4px 4px 4px  
4px #4E1B1A }
```

Background

The CSS property to change the background color of an element to Hex 4E1B1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1B1A }
```

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

```
.background{ background-color:#4E1B1A }
```

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