

# Converting Colors

Hex(4E221F)

Have a look what the booklet for  
Hex(4E221F) contains.

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# Color

**Hex(4E221F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E221F
RGB	78, 34, 31
RGB Percent	31%, 13%, 12%
CMY	0.6941, 0.8667, 0.8784
CMYK	0.00, 0.56, 0.60, 0.69
HSL	4°, 43%, 21%
HSV	4°, 60%, 31%
XYZ	3.9612, 2.8627, 1.6401
YIQ	46.8140, 27.1870, 8.3950

# Conversions

## Conversions Part 2

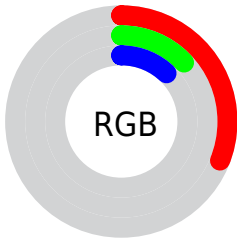
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	78, 34, 31
Decimal	5120543
CIE Lab	19.49, 20.40, 11.79
CIE LCh	19, 23.561, 30.022
Yxy	2.8627, 0.4680, 0.3382
Android (android.graphics.Color)	4283310623 (0xFF4E221F)
YUV	46.8140, -7.7963, 27.3501
Hunter-Lab	16.9195, 12.1819, 6.0963

# Details

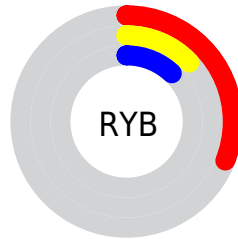
The Hex color **4E221F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F4B4E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **82504B**, and **200001** is the 20% darker color. If you saturate the color by 10%, you get **4E1B17**, and if you desaturate by 10%, it is **4E2927**.

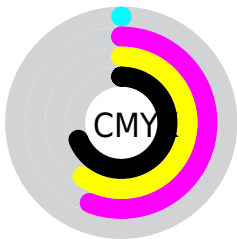
# Distribution



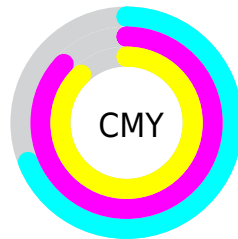
- Red (31%)
- Green (13%)
- Blue (12%)



- Red (31%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (56%)
- Yellow (60%)
- Black (69%)



- Cyan (69%)
- Magenta (87%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E221F 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 4E221F by changing the saturation by 10% instead.



■ 4E221F

■ 4E221F

FFFFFF

■ 360C07

■ 82504B

■ 200001

■ 9D6863

■ 000000

■ B9827C

■ D59C95

■ F2B7B0

■ FFD3CB

■ FFEFE8

■ 4E221F

■ 4E221F

■ 4E1B17

■ 4E2927

■ 4E130F

■ 4E312F

■ 4E0C08

■ 4E3836

■ 4E0500

■ 4E3F3E

■ 4E4746

■ 4E4E4E

■ 4E5556

■ 4E5C5D

■ 4E6465

# Harmonies

## Analogous

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



4E2030



4E221F



462811

# Triad

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



4E221F



10361D



0A3151

# Complementary

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



4E221F



1F4B4E

# 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.



00354D



4E221F



00382F

# Square

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



4E221F



273310



003740



302B4D

# Rectangle

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



4E221F



3E2C0B



003740



003351



# Sweetspot

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



4E221F



665554



4E1F4C



332828



B3B3B3



333333



# Same Dimension

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



4E221F



66211D



4E391F



262322



660700



E60F00



# Inverse Universe

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



1F4B4E



1D6166



1F344E



222626



005F66

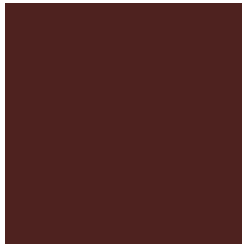


00D7E6



# Previews

## White Background



This preview shows how the Hex color 4E221F 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 4E221F Background



This preview shows how black text looks on a background with the Hex color 4E221F.

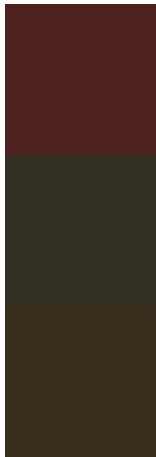


This preview shows how white text looks on a background with the Hex color 4E221F.

# 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**  
4E221F

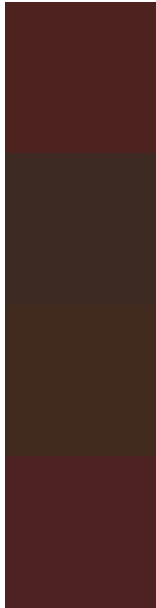
**Protanopia**  
333025

**Deuteranopia**  
3A2E1D



**Tritanopia**  
4E2124

# Trichromacy



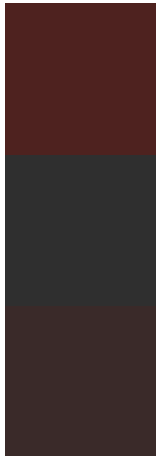
**Original Color**  
4E221F

**Protanomaly**  
3D2B23

**Deuteranomaly**  
412A1E

**Tritanomaly**  
4E2122

# Monochromacy



**Original Color**  
4E221F

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
3A2A29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E221F 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 #4E221F looks like.

```
.text, #text, p{  
    color:#4E221F  
}
```

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 #4E221F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E221F
}
```

## Border

The CSS property to change the border of an element to Hex 4E221F is called "border". The border property can be set on classes, ids or directly on the HTML element.

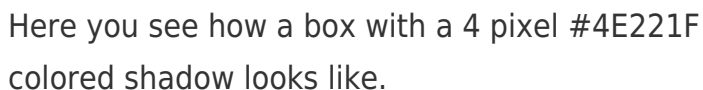
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E221F }
```

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

```
.border{ border-color:#4E221F }
```

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



Here you see how a box with a 4 pixel #4E221F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E221F; -webkit-box-shadow:4px 4px  
4px 4px #4E221F; box-shadow:4px 4px 4px  
4px #4E221F }
```

# Background

The CSS property to change the background color of an element to Hex 4E221F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E221F }
```

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

```
.background{ background-color:#4E221F }
```

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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