

Converting Colors

Hex(4E1C3A)

Have a look what the booklet for
Hex(4E1C3A) contains.

Hex(4E1C3A)	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(4E1C3A)

Conversions

Conversions Part 1

Format	Color
Hex	4E1C3A
RGB	78, 28, 58
RGB Percent	31%, 11%, 23%
CMY	0.6941, 0.8902, 0.7725
CMYK	0.00, 0.64, 0.26, 0.69
HSL	324°, 47%, 21%
HSV	324°, 64%, 31%
XYZ	4.3209, 2.7557, 4.3072
YIQ	46.3700, 20.1700, 19.9300

Conversions

Conversions Part 2

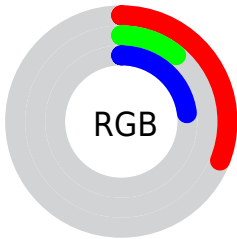
Format	Color
RYB	78, 28, 58
Decimal	5119034
CIELab	19.04, 27.42, -7.74
CIELCh	19, 28.495, 344.247
Yxy	2.7557, 0.3796, 0.2421
Android (android.graphics.Color)	4283309114 (0xFF4E1C3A)
YUV	46.3700, 5.7336, 27.7395
Hunter-Lab	16.6003, 17.4109, -3.7633

Details

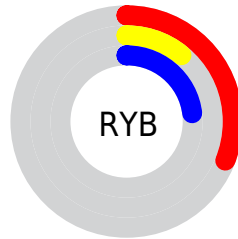
The Hex color **4E1C3A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C4E30**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **814B69**, and **22000F** is the 20% darker color. If you saturate the color by 10%, you get **4E1437**, and if you desaturate by 10%, it is **4E243D**.

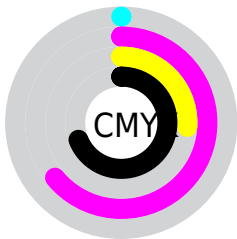
Distribution



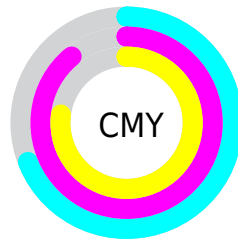
- Red (31%)
- Green (11%)
- Blue (23%)



- Red (31%)
- Yellow (11%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (26%)
- Black (69%)



- Cyan (69%)
- Magenta (89%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E1C3A 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 4E1C3A by changing the saturation by 10% instead.



4E1C3A



4E1C3A

FFFFFF



360424



814B69



22000F



9C6382



000000



B77D9C



D397B7



F0B2D3



FFCEEF



FFFAFF



4E1C3A



4E1C3A

■ 4E1437

■ 4E243D

■ 4E0C34

■ 4E2C40

■ 4E0531

■ 4E3343

■ 4E002F

■ 4E3B46

■ 4E434A

■ 4E4B4D

■ 4E5350

■ 4E5A53

■ 4E6256

Harmonies

Analogous

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



3C244C



4E1C3A



541A25

Triad

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



4E1C3A



303000



00374B

Complementary

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



4E1C3A



1C4E30

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.



003838



4E1C3A



18350E

Square

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



4E1C3A



422900



003722



003456

Rectangle

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



4E1C3A



511E18



003722



003845

Sweetspot

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



4E1C3A



66535E



301C4E



33272E



B3B3B3



333333

Same Dimension

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



4E1C3A



661747



4E1C21



262225



66003D



E6008A

Inverse Universe

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



4E1C3A



661747



1C4E49



262225



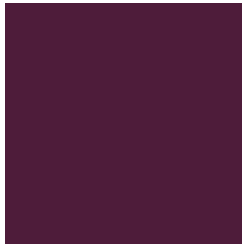
66003D



E6008A

Previews

White Background



This preview shows how the Hex color 4E1C3A looks on a white background.

Color Contrast Check

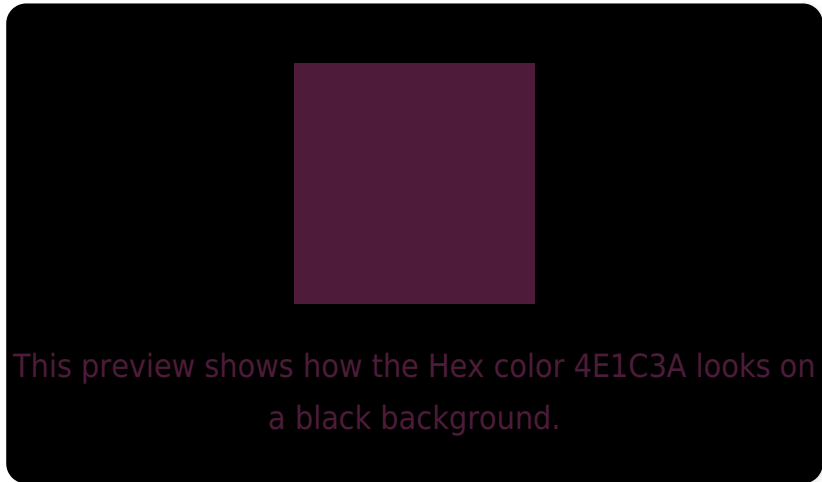
Large Text (above 18pt) WCAG AA ✓ Pass

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

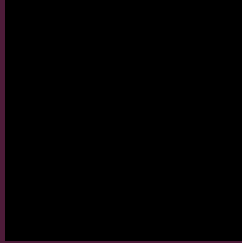
Any Text WCAG AA × Fail

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 4E1C3A Background



This preview shows how black text looks on a background with the Hex color 4E1C3A.



This preview shows how white text looks on a background with the Hex color 4E1C3A.

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
4E1C3A

Protanopia
272F48

Deuteranopia
302E37



Tritanopia
4C2224

Trichromacy



Original Color
4E1C3A

Protanomaly
352843

Deuteranomaly
3B2738

Tritanomaly
4D202C

Monochromacy



Original Color
4E1C3A

Achromatopsia
2E2E2E

Achromatomaly
3A2732

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E1C3A 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 #4E1C3A looks like.

```
.text, #text, p{  
    color:#4E1C3A  
}
```

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 #4E1C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E1C3A
}
```

Border

The CSS property to change the border of an element to Hex 4E1C3A 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".

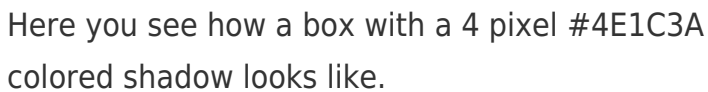
```
.border, #border, table{ border:4px solid
#4E1C3A }
```

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

```
.border{ border-color:#4E1C3A }
```

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

Here you see how a box with a 4 pixel #4E1C3A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E1C3A; -webkit-box-shadow:4px 4px  
4px 4px #4E1C3A; box-shadow:4px 4px 4px  
4px #4E1C3A }
```

Background

The CSS property to change the background color of an element to Hex 4E1C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E1C3A }
```

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

```
.background{ background-color:#4E1C3A }
```

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