

Converting Colors

Hex(4E2B3F)

Have a look what the booklet for
Hex(4E2B3F) contains.

Hex(4E2B3F)	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(4E2B3F)

Conversions

Conversions Part 1

Format	Color
Hex	4E2B3F
RGB	78, 43, 63
RGB Percent	31%, 17%, 25%
CMY	0.6941, 0.8314, 0.7529
CMYK	0.00, 0.45, 0.19, 0.69
HSL	326°, 29%, 24%
HSV	326°, 45%, 31%
XYZ	4.9030, 3.7063, 5.1596
YIQ	55.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

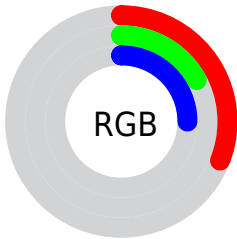
Format	Color
RYB	78, 43, 63
Decimal	5122879
CIELab	22.68, 19.42, -5.69
CIElCh	23, 20.238, 343.667
Yxy	3.7063, 0.3561, 0.2692
Android (android.graphics.Color)	4283312959 (0xFF4E2B3F)
YUV	55.7450, 3.5767, 19.5176
Hunter-Lab	19.2518, 11.7688, -2.4138

Details

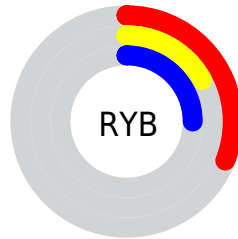
The Hex color **4E2B3F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B4E3A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **80596F**, and **220015** is the 20% darker color. If you saturate the color by 10%, you get **4E233C**, and if you desaturate by 10%, it is **4E3342**.

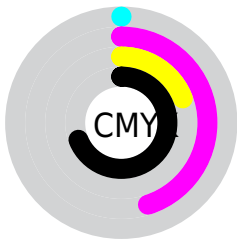
Distribution



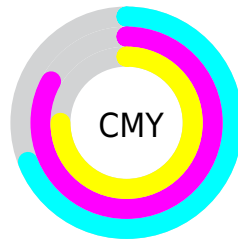
- Red (31%)
- Green (17%)
- Blue (25%)



- Red (31%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (19%)
- Black (69%)



- Cyan (69%)
- Magenta (83%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2B3F 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 4E2B3F by changing the saturation by 10% instead.



4E2B3F



4E2B3F

FFFFFF



361529



80596F



220015



9A7288



000000



B58CA2



D1A6BD



EEC2D9



FFDEF5



FFFAFF



4E2B3F



4E2B3F

■ 4E233C

■ 4E3342

■ 4E1B38

■ 4E3B46

■ 4E1435

■ 4E4249

■ 4E0C32

■ 4E4A4C

■ 4E042E

■ 4E5250

■ 4E002D

■ 4E5A53

■ 4E6256

■ 4E695A

■ 4E715D

Harmonies

Analogous

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



40304C



4E2B3F



532A30

Triad

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



4E2B3F



393718



003D4A

Complementary

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



4E2B3F



2B4E3A

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.



003E3D



4E2B3F



283B20

Square

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



4E2B3F



463219



133D2D



083A53

Rectangle

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



4E2B3F



522C26



133D2D



003D46

Sweetspot

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



4E2B3F



665960



3A2B4E



332B30



B3B3B3



333333

Same Dimension

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



4E2B3F



662F4E



4E2B2E



262225



66003A



E60083

Inverse Universe

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



4E2B3F



662F4E



2B4E4B



262225



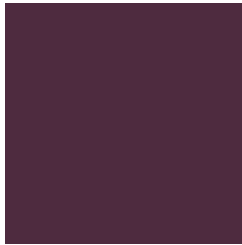
66003A



E60083

Previews

White Background



This preview shows how the Hex color 4E2B3F 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

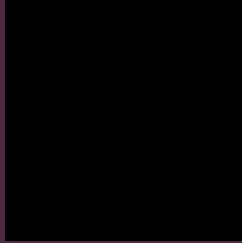
Any Text WCAG AA × Fail

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 4E2B3F Background



This preview shows how black text looks on a background with the Hex color 4E2B3F.



This preview shows how white text looks on a background with the Hex color 4E2B3F.

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
4E2B3F

Protanopia
323647

Deuteranopia
39353D



Tritanopia
4D2E31

Trichromacy



Original Color
4E2B3F

Protanomaly
3C244

Deuteranomaly
41313E

Tritanomaly
4D2D36

Monochromacy



Original Color
4E2B3F

Achromatopsia
383838

Achromatomaly
40333B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2B3F 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 #4E2B3F looks like.

```
.text, #text, p{  
    color:#4E2B3F  
}
```

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 #4E2B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2B3F
}
```

Border

The CSS property to change the border of an element to Hex 4E2B3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

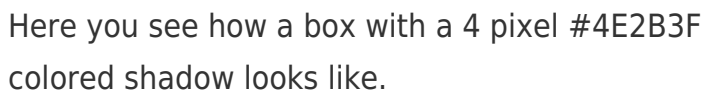
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E2B3F }
```

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

```
.border{ border-color:#4E2B3F }
```

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



Here you see how a box with a 4 pixel #4E2B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2B3F; -webkit-box-shadow:4px 4px  
4px 4px #4E2B3F; box-shadow:4px 4px 4px  
4px #4E2B3F }
```

Background

The CSS property to change the background color of an element to Hex 4E2B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2B3F }
```

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

```
.background{ background-color:#4E2B3F }
```

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