

Converting Colors

Hex(4E2933)

Have a look what the booklet for
Hex(4E2933) contains.

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Color

Hex(4E2933)

Conversions

Conversions Part 1

Format	Color
Hex	4E2933
RGB	78, 41, 51
RGB Percent	31%, 16%, 20%
CMY	0.6941, 0.8392, 0.8000
CMYK	0.00, 0.47, 0.35, 0.69
HSL	344°, 31%, 23%
HSV	344°, 47%, 31%
XYZ	4.5324, 3.4446, 3.5580
YIQ	53.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

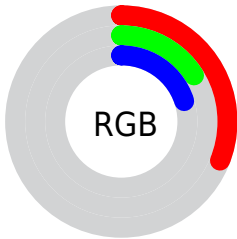
Format	Color
R_{YB}	78, 41, 51
Decimal	5122355
CIE Lab	21.74, 18.63, 1.13
CIE LCh	22, 18.663, 3.482
Yxy	3.4446, 0.3929, 0.2986
Android (android.graphics.Color)	4283312435 (0xFF4E2933)
YUV	53.2030, -1.0861, 21.7470
Hunter-Lab	18.5596, 11.1114, 1.6256

Details

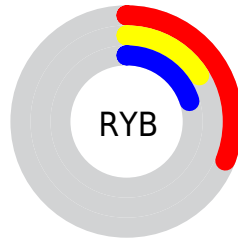
The Hex color **4E2933** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **294E44**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **805761**, and **230004** is the 20% darker color. If you saturate the color by 10%, you get **4E212D**, and if you desaturate by 10%, it is **4E3139**.

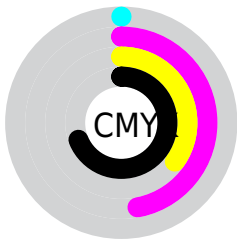
Distribution



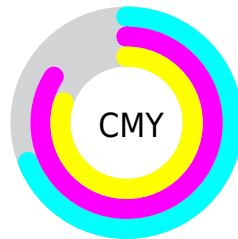
- Red (31%)
- Green (16%)
- Blue (20%)



- Red (31%)
- Yellow (16%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (69%)



- Cyan (69%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E2933 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 4E2933 by changing the saturation by 10% instead.



4E2933



4E2933

FFFFFF



36141E



805761



230004



9B707A



000000



B68994



D2A4AE



EFBFCA



FFDBE6



FFF8FF



4E2933



4E2933

■ 4E212D

■ 4E3139

■ 4E1928

■ 4E393E

■ 4E1222

■ 4E4044

■ 4E0A1C

■ 4E484A

■ 4E0217

■ 4E504F

■ 4E0015

■ 4E5855

■ 4E605B

■ 4E6761

■ 4E6F66

Harmonies

Analogous

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



472B41



4E2933



4E2B26

Triad

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



4E2933



2D381C



02394C

Complementary

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



4E2933



294E44

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.



003B43



4E2933



1C3A27

Square

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



4E2933



3B3418



033B35



213550

Rectangle

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



4E2933



4A2D1E



033B35



003A4A

Sweetspot

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



4E2933



66585C



44294E



332A2D



B3B3B3



333333

Same Dimension

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



4E2933



662C3C



4E3129



262223



66001C



E6003E

Inverse Universe

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



4E2933



662C3C



29464E



262223



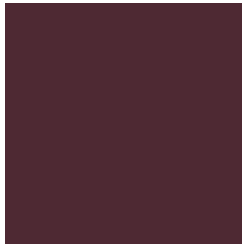
66001C



E6003E

Previews

White Background



This preview shows how the Hex color 4E2933 looks on a white background.

Color Contrast Check

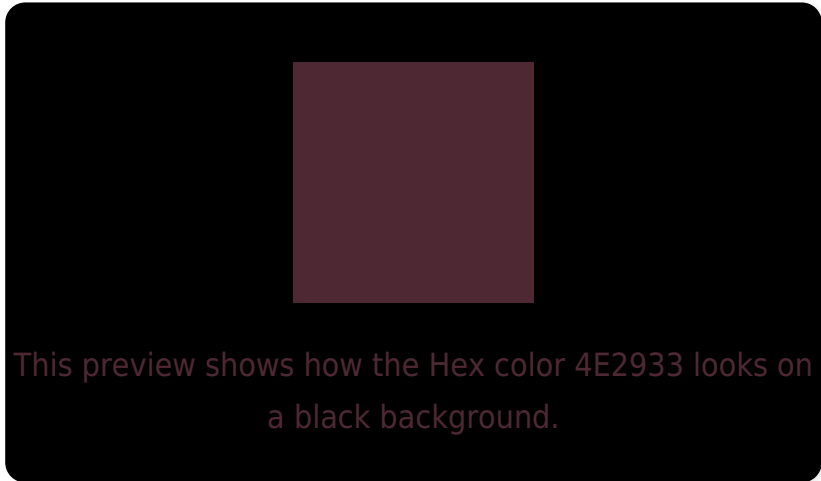
Large Text (above 18pt) WCAG AA ✓ Pass

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

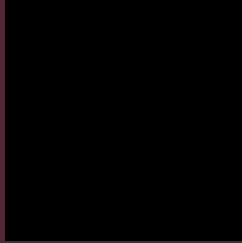
Any Text WCAG AA × Fail

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 4E2933 Background



This preview shows how black text looks on a background with the Hex color 4E2933.



This preview shows how white text looks on a background with the Hex color 4E2933.

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
4E2933

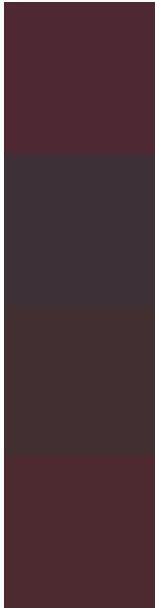
Protanopia
34343A

Deuteranopia
3B3331



Tritanopia
4D2A2D

Trichromacy



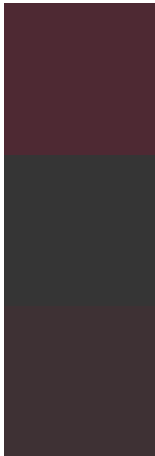
Original Color
4E2933

Protanomaly
3D3037

Deuteranomaly
422F32

Tritanomaly
4D2A2F

Monochromacy



Original Color
4E2933

Achromatopsia
353535

Achromatomaly
3E3134

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E2933 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 #4E2933 looks like.

```
.text, #text, p{  
    color:#4E2933  
}
```

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 #4E2933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E2933
}
```

Border

The CSS property to change the border of an element to Hex 4E2933 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
#4E2933 }
```

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

```
.border{ border-color:#4E2933 }
```

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

Here you see how a box with a 4 pixel #4E2933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E2933; -webkit-box-shadow:4px 4px  
4px 4px #4E2933; box-shadow:4px 4px 4px  
4px #4E2933 }
```

Background

The CSS property to change the background color of an element to Hex 4E2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E2933 }
```

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

```
.background{ background-color:#4E2933 }
```

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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