

Converting Colors

Hex(4E0033)

Have a look what the booklet for
Hex(4E0033) contains.

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Color

Hex(4E0033)

Conversions

Conversions Part 1

Format	Color
Hex	4E0033
RGB	78, 0, 51
RGB Percent	31%, 0%, 20%
CMY	0.6941, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.35, 0.69
HSL	321°, 100%, 15%
HSV	321°, 100%, 31%
XYZ	3.7394, 1.8587, 3.2936
YIQ	29.1360, 30.1170, 32.3970

Conversions

Conversions Part 2

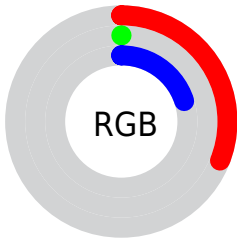
Format	Color
R_{YB}	78, 0, 51
Decimal	5111859
CIE _{Lab}	14.73, 37.61, -9.34
CIE _{LCh}	15, 38.751, 346.056
Yxy	1.8587, 0.4205, 0.2090
Android (android.graphics.Color)	4283301939 (0xFF4E0033)
YUV	29.1360, 10.7790, 42.8537
Hunter-Lab	13.6335, 25.1009, -4.7801

Details

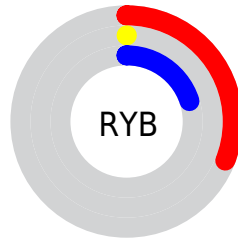
The Hex color **4E0033** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004E1B**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **823761**, and **1C0001** is the 20% darker color. If you saturate the color by 10%, you get **4E0033**, and if you desaturate by 10%, it is **4E0836**.

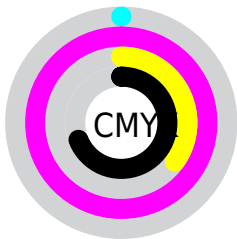
Distribution



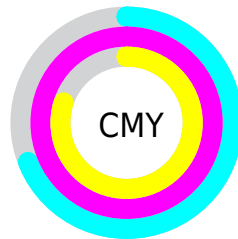
- Red (31%)
- Green (0%)
- Blue (20%)



- Red (31%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0033 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 4E0033 by changing the saturation by 10% instead.

 4E0033

 4E0033

 FFF3FF

 35001E

 823761

 1C0001

 9E507A

 000000

 B96994

 D683AF

 F39ECA

 FFBAE6

 FFD6FF

 4E0033

■ 4E0836

■ 4E1038

■ 4E173B

■ 4E1F3E

■ 4E2740

■ 4E2F43

■ 4E3746

■ 4E3E49

■ 4E464B

Harmonies

Analogous

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



37154B



4E0033



530018

Triad

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



4E0033



222800



00304C

Complementary

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



4E0033



004E1B

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.



003034



4E0033



002D00

Square

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



4E0033



3A1F00



003017



002C5B

Rectangle

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



4E0033



4F0800



003017



003045

Sweetspot

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



4E0033



66475B



1A004E



33212D



B3B3B3



333333

Same Dimension

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



4E0033



660043



4E000D



262225



E60096

Inverse Universe

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



4E0033



660043



004E41



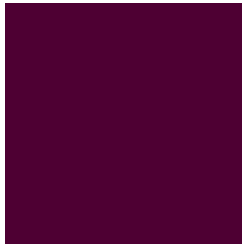
262225



E60096

Previews

White Background



This preview shows how the Hex color 4E0033 looks on a white background.

Color Contrast Check

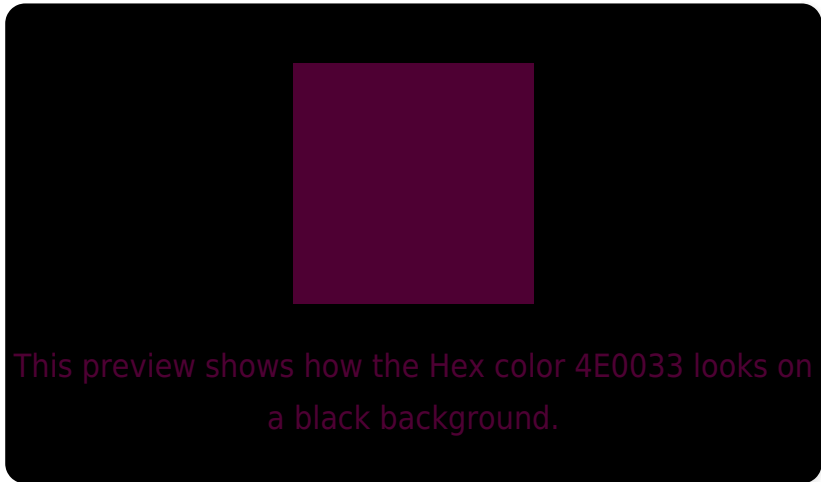
Large Text (above 18pt) WCAG AA ✓ Pass

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

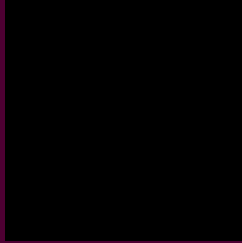
Any Text WCAG AA × Fail

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 4E0033 Background



This preview shows how black text looks on a background with the Hex color 4E0033.



This preview shows how white text looks on a background with the Hex color 4E0033.

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
4E0033

Protanopia
1B2949

Deuteranopia
2B282F



Tritanopia
4C1415

Trichromacy



Original Color
4E0033

Protanomaly
2E1A41

Deuteranomaly
381930

Tritanomaly
4D0D20

Monochromacy



Original Color
4E0033

Achromatopsia
1D1D1D

Achromatomaly
2F1225

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0033 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 #4E0033 looks like.

```
.text, #text, p{  
    color:#4E0033  
}
```

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 #4E0033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0033
}
```

Border

The CSS property to change the border of an element to Hex 4E0033 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
#4E0033 }
```

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

```
.border{ border-color:#4E0033 }
```

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

Here you see how a box with a 4 pixel #4E0033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0033; -webkit-box-shadow:4px 4px  
4px 4px #4E0033; box-shadow:4px 4px 4px  
4px #4E0033 }
```

Background

The CSS property to change the background color of an element to Hex 4E0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0033 }
```

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

```
.background{ background-color:#4E0033 }
```

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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