

Converting Colors

Hex(4E0234)

Have a look what the booklet for
Hex(4E0234) contains.

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Color

Hex(4E0234)

Conversions

Conversions Part 1

Format	Color
Hex	4E0234
RGB	78, 2, 52
RGB Percent	31%, 1%, 20%
CMY	0.6941, 0.9922, 0.7961
CMYK	0.00, 0.97, 0.33, 0.69
HSL	321°, 95%, 16%
HSV	321°, 97%, 31%
XYZ	3.7834, 1.9111, 3.4183
YIQ	30.4240, 29.2460, 31.6620

Conversions

Conversions Part 2

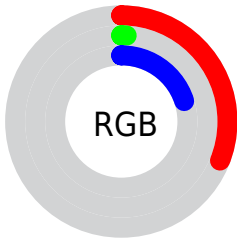
Format	Color
RYB	78, 2, 52
Decimal	5112372
CIELab	15.01, 37.04, -9.62
CIElCh	15, 38.271, 345.440
Yxy	1.9111, 0.4152, 0.2097
Android (android.graphics.Color)	4283302452 (0xFF4E0234)
YUV	30.4240, 10.6370, 41.7242
Hunter-Lab	13.8241, 24.6604, -4.9838

Details

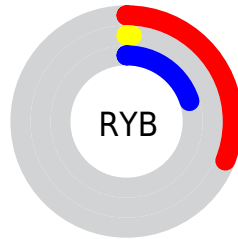
The Hex color **4E0234** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **024E1C**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **823863**, and **1C0003** is the 20% darker color. If you saturate the color by 10%, you get **4E0033**, and if you desaturate by 10%, it is **4E0A37**.

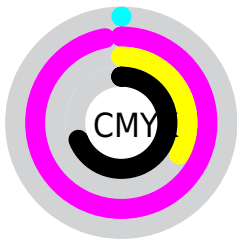
Distribution



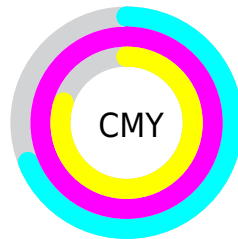
- Red (31%)
- Green (1%)
- Blue (20%)



- Red (31%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (97%)
- Yellow (33%)
- Black (69%)



- Cyan (69%)
- Magenta (99%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0234 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 4E0234 by changing the saturation by 10% instead.

 4E0234

 4E0234

 FFF4FF

 35001F

 823863

 1C0003

 9D517B

 000000

 B96B95

 D685B0

 F39FCB

 FFBBE7

 FFD7FF

 4E0234

 4E0234

■ 4E0033

■ 4E0A37

■ 4E1239

■ 4E193C

■ 4E213F

■ 4E2941

■ 4E3144

■ 4E3947

■ 4E4049

■ 4E484C

Harmonies

Analogous

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



37164C



4E0234



530019

Triad

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



4E0234



232900



00304C

Complementary

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



4E0234



024E1C

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.



003133



4E0234



012E00

Square

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



4E0234



3B2000



003017



002D5B

Rectangle

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



4E0234



500A02



003017



003145

Sweetspot

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



4E0234



66485C



1B024E



33212D



B3B3B3



333333

Same Dimension

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



4E0234



660043



4E020F



262225



E60097

Inverse Universe

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



4E0234



660043



024E41



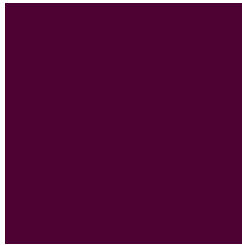
262225



E60097

Previews

White Background



This preview shows how the Hex color 4E0234 looks on a white background.

Color Contrast Check

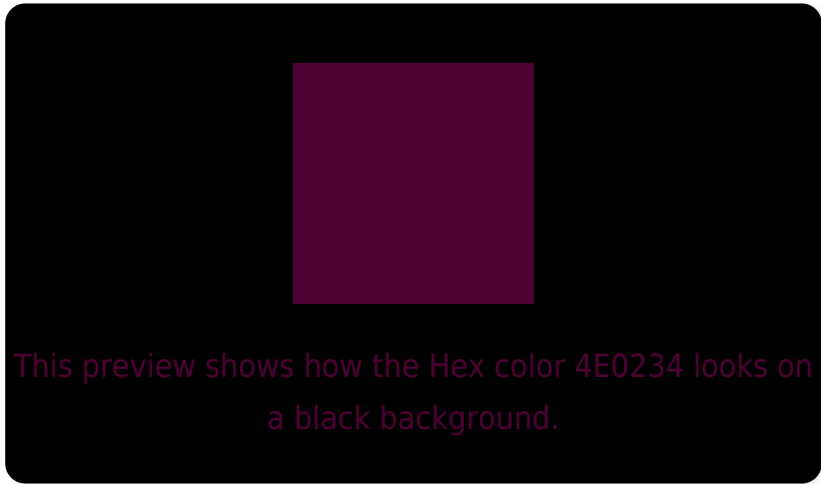
Large Text (above 18pt) WCAG AA ✓ Pass

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

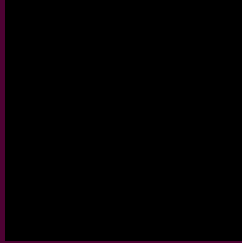
Any Text WCAG AA × Fail

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 4E0234 Background



This preview shows how black text looks on a background with the Hex color 4E0234.



This preview shows how white text looks on a background with the Hex color 4E0234.

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
4E0234

Protanopia
1A294A

Deuteranopia
2A2930



Tritanopia
4C1515

Trichromacy



Original Color
4E0234

Protanomaly
2D1B42

Deuteranomaly
371B31

Tritanomaly
4D0E20

Monochromacy



Original Color
4E0234

Achromatopsia
1E1E1E

Achromatomaly
2F1426

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0234 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 #4E0234 looks like.

```
.text, #text, p{  
    color:#4E0234  
}
```

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 #4E0234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0234
}
```

Border

The CSS property to change the border of an element to Hex 4E0234 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".

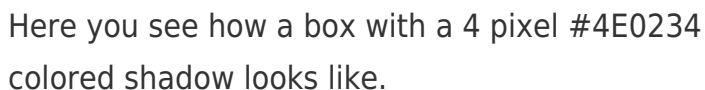
```
.border, #border, table{ border:4px solid
#4E0234 }
```

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

```
.border{ border-color:#4E0234 }
```

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

Here you see how a box with a 4 pixel #4E0234 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0234; -webkit-box-shadow:4px 4px  
4px 4px #4E0234; box-shadow:4px 4px 4px  
4px #4E0234 }
```

Background

The CSS property to change the background color of an element to Hex 4E0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0234 }
```

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

```
.background{ background-color:#4E0234 }
```

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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