

Converting Colors

Hex(4E0042)

Have a look what the booklet for
Hex(4E0042) contains.

Hex(4E0042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(4E0042)

Conversions

Conversions Part 1

Format	Color
Hex	4E0042
RGB	78, 0, 66
RGB Percent	31%, 0%, 26%
CMY	0.6941, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.15, 0.69
HSL	309°, 100%, 15%
HSV	309°, 100%, 31%
XYZ	4.1253, 2.0130, 5.3254
YIQ	30.8460, 25.3020, 37.0620

Conversions

Conversions Part 2

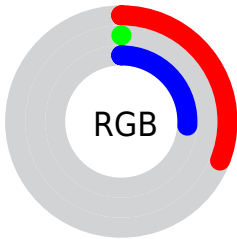
Format	Color
R_YB	78, 0, 66
Decimal	5111874
CIE _{Lab}	15.56, 39.70, -18.73
CIE _{LCh}	16, 43.898, 334.736
Yxy	2.0130, 0.3599, 0.1756
Android (android.graphics.Color)	4283301954 (0xFF4E0042)
YUV	30.8460, 17.3309, 41.3541
Hunter-Lab	14.1882, 27.0700, -12.3221

Details

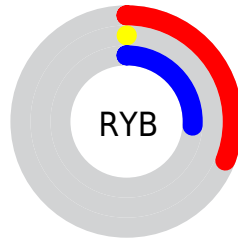
The Hex color **4E0042** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **004E0C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **823872**, and **1D0017** is the 20% darker color. If you saturate the color by 10%, you get **4E0042**, and if you desaturate by 10%, it is **4E0843**.

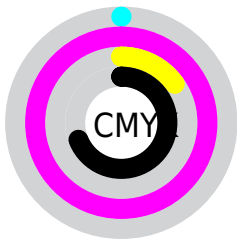
Distribution



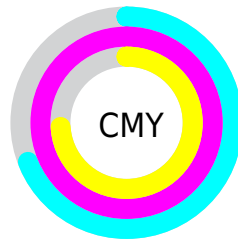
- Red (31%)
- Green (0%)
- Blue (26%)



- Red (31%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E0042 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 4E0042 by changing the saturation by 10% instead.

 4E0042

 4E0042

 FFF4FF

 35002C

 823872

 1D0017

 9D518C

 000000

 B96BA6

 D585C2

 F2A0DD

 FFBBFA

 FFD7FF

 4E0042

■ 4E0843

■ 4E1044

■ 4E1746

■ 4E1F47

■ 4E2748

■ 4E2F49

■ 4E374A

■ 4E3E4C

■ 4E464D

Harmonies

Analogous

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



281B5B



4E0042



5A0023

Triad

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



4E0042



2D2700



00334A

Complementary

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



4E0042



004E0C

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.



00332B



4E0042



092E00

Square

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



4E0042



451A00



003207



003160

Rectangle

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



4E0042



59000E



003207



003340

Sweetspot

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



4E0042



664761



0C004E



332130



B3B3B3



333333

Same Dimension

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



4E0042



660056



4E001B



262226



E600C2

Inverse Universe

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



4E0042



660056



004E33



262226



E600C2

Previews

White Background



This preview shows how the Hex color 4E0042 looks on a white background.

Color Contrast Check

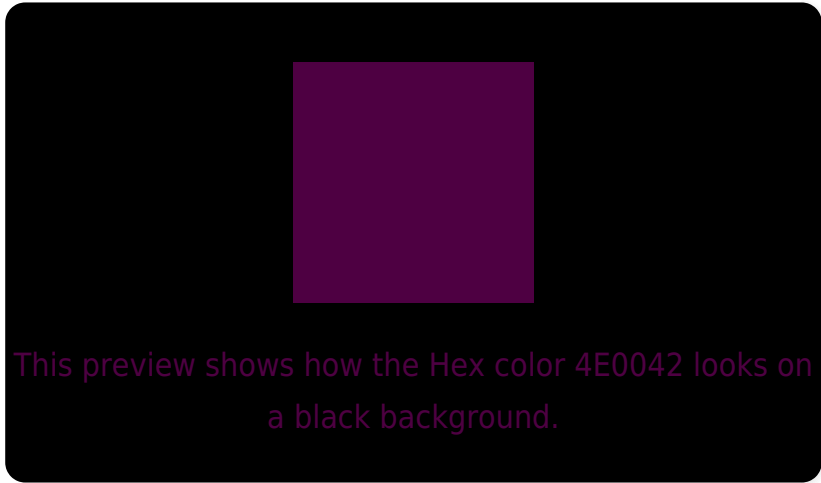
Large Text (above 18pt) WCAG AA ✓ Pass

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

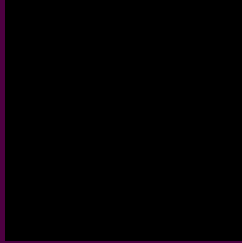
Any Text WCAG AA × Fail

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 4E0042 Background



This preview shows how black text looks on a background with the Hex color 4E0042.



This preview shows how white text looks on a background with the Hex color 4E0042.

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
4E0042

Protanopia
002A58

Deuteranopia
242B3E



Tritanopia
4B1A1B

Trichromacy



Original Color
4E0042

Protanomaly
1C1B50

Deuteranomaly
331B3F

Tritanomaly
4C1129

Monochromacy



Original Color
4E0042

Achromatopsia
1F1F1F

Achromatomaly
30142C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E0042 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 #4E0042 looks like.

```
.text, #text, p{  
    color:#4E0042  
}
```

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 #4E0042 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0042
}
```

Border

The CSS property to change the border of an element to Hex 4E0042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

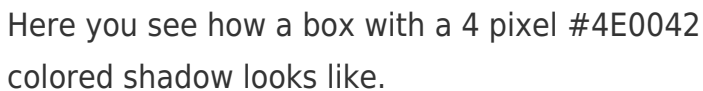
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0042 }
```

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

```
.border{ border-color:#4E0042 }
```

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



Here you see how a box with a 4 pixel #4E0042 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0042; -webkit-box-shadow:4px 4px  
4px 4px #4E0042; box-shadow:4px 4px 4px  
4px #4E0042 }
```

Background

The CSS property to change the background color of an element to Hex 4E0042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0042 }
```

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

```
.background{ background-color:#4E0042 }
```

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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