

# Converting Colors

Hex(4E0027)

Have a look what the booklet for  
Hex(4E0027) contains.

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**Color**

**Hex(4E0027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E0027
RGB	78, 0, 39
RGB Percent	31%, 0%, 15%
CMY	0.6941, 1.0000, 0.8471
CMYK	0.00, 1.00, 0.50, 0.69
HSL	330°, 100%, 15%
HSV	330°, 100%, 31%
XYZ	3.5081, 1.7662, 2.0755
YIQ	27.7680, 33.9690, 28.6650

# Conversions

## Conversions Part 2

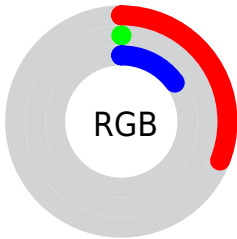
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 0, 39
Decimal	5111847
CIE <sub>Lab</sub>	14.21, 36.26, -1.34
CIE <sub>LCh</sub>	14, 36.288, 357.882
Yxy	1.7662, 0.4773, 0.2403
Android (android.graphics.Color)	4283301927 (0xFF4E0027)
YUV	27.7680, 5.5374, 44.0535
Hunter-Lab	13.2898, 23.8614, 0.0435

# Details

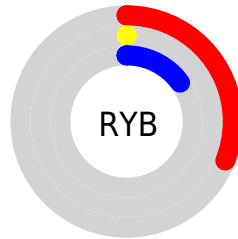
The Hex color **4E0027** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004E27**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **833654**, and **180001** is the 20% darker color. If you saturate the color by 10%, you get **4E0027**, and if you desaturate by 10%, it is **4E082B**.

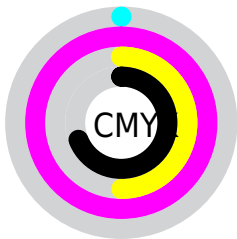
# Distribution



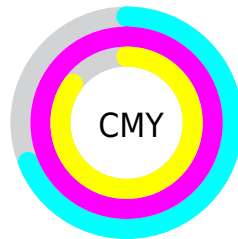
- Red (31%)
- Green (0%)
- Blue (15%)



- Red (31%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E0027 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 4E0027 by changing the saturation by 10% instead.



 4E0027

 4E0027

 FFF1FF

 350012

 833654

 180001

 9E4F6C

 000000

 BA6885

 D7829F

 F49DBA

 FFB9D6

 FFD5F2

 4E0027

 4E082B

 4E102F

 4E1733

 4E1F37

 4E273B

 4E2F3E

 4E3742

 4E3E46

 4E464A

# Harmonies

## Analogous

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



400E3F



4E0027



4E060C

# Triad

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



4E0027



172900



002D4F

# Complementary

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



4E0027



004E27

# 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.



002F3B



4E0027



002D02

# Square

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



4E0027



2F2200



002F21



002858

# Rectangle

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



4E0027



471200



002F21



002E4A



# Sweetspot

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



4E0027



664757



27004E



33212A



B3B3B3



333333



# Same Dimension

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



4E0027



660033



4E0000



262224



E60073

# Inverse Universe

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



4E0027



660033



004E4E



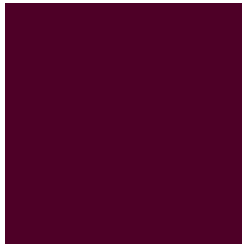
262224



E60073

# Previews

## White Background



This preview shows how the Hex color 4E0027 looks on a white background.

## Color Contrast Check

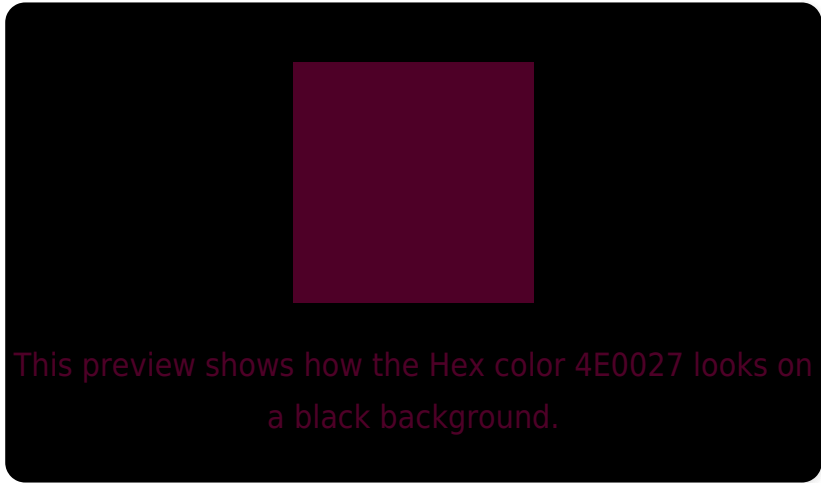
Large Text (above 18pt) WCAG AA ✓ Pass

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

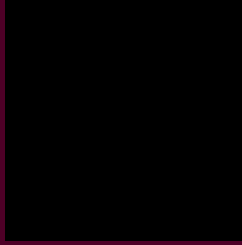
Any Text WCAG AA × Fail

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 4E0027 Background



This preview shows how black text looks on a background with the Hex color 4E0027.



This preview shows how white text looks on a background with the Hex color 4E0027.

# 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**  
4E0027

**Protanopia**  
242838

**Deuteranopia**  
2E2724





**Tritanopia**  
4D100F

# Trichromacy



**Original Color**  
4E0027

**Protanomaly**  
331932

**Deuteranomaly**  
3A1925

**Tritanomaly**  
4D0A18

# Monochromacy



**Original Color**  
4E0027

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
2E1220

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E0027 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 #4E0027 looks like.

```
.text, #text, p{  
    color:#4E0027  
}
```

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 #4E0027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E0027
}
```

## Border

The CSS property to change the border of an element to Hex 4E0027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

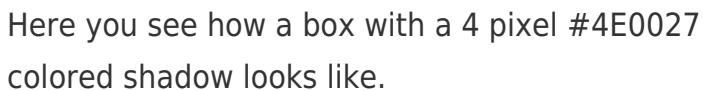
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E0027 }
```

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

```
.border{ border-color:#4E0027 }
```

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



Here you see how a box with a 4 pixel #4E0027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E0027; -webkit-box-shadow:4px 4px  
4px 4px #4E0027; box-shadow:4px 4px 4px  
4px #4E0027 }
```

# Background

The CSS property to change the background color of an element to Hex 4E0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E0027 }
```

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

```
.background{ background-color:#4E0027 }
```

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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