

# Converting Colors

Hex(440029)

Have a look what the booklet for  
Hex(440029) contains.

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# Color

**Hex(440029)**

# Conversions

## Conversions Part 1

Format	Color
Hex	440029
RGB	68, 0, 41
RGB Percent	27%, 0%, 16%
CMY	0.7333, 1.0000, 0.8392
CMYK	0.00, 1.00, 0.40, 0.73
HSL	324°, 100%, 13%
HSV	324°, 100%, 27%
XYZ	2.7841, 1.3890, 2.2192
YIQ	25.0060, 27.3670, 27.1670

# Conversions

## Conversions Part 2

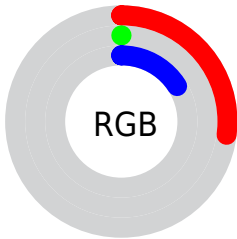
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 0, 41
Decimal	4456489
CIELab	11.88, 33.94, -6.55
CIElCh	12, 34.565, 349.069
Yxy	1.3890, 0.4355, 0.2173
Android (android.graphics.Color)	4282646569 (0xFF440029)
YUV	25.0060, 7.8850, 37.7057
Hunter-Lab	11.7857, 21.5418, -2.9140

# Details

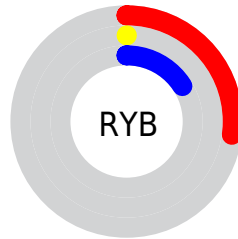
The Hex color **440029** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **00441B**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **773356**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **440029**, and if you desaturate by 10%, it is **44072C**.

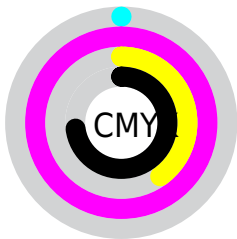
# Distribution



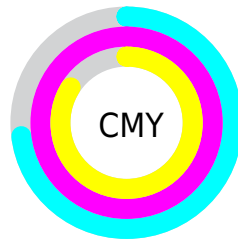
- Red (27%)
- Green (0%)
- Blue (16%)



- Red (27%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 440029 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 440029 by changing the saturation by 10% instead.



 440029

 440029

 FFEDFF

 2E0015

 773356

 000000

 924C6E

 AE6588

 CA7FA2

 E799BD

 FFB5D9

 FFD0F5

 440029

■ 44072C

■ 440E2E

■ 441431

■ 441B34

■ 442236

■ 442939

■ 44303C

■ 44363F

■ 443D41

# Harmonies

## Analogous

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



32103F



440029



470011

# Triad

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



440029



1A2300



002843

# Complementary

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



440029



00441B

# 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.



002A2E



440029



002700

# Square

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



440029



2F1B00



002915



00254E

# Rectangle

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



440029



440900



002915



00293D



# Sweetspot

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



440029



593E4F



1A0044



2E1D27



ADADAD



2E2E2E



# Same Dimension

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



440029



590036



440008



211E20



61003A



E00087



# Inverse Universe

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



440029



590036



00443C



211E20



61003A

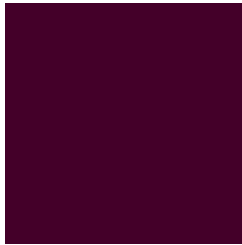


E00087



# Previews

## White Background



This preview shows how the Hex color 440029 looks on a white background.

## Color Contrast Check

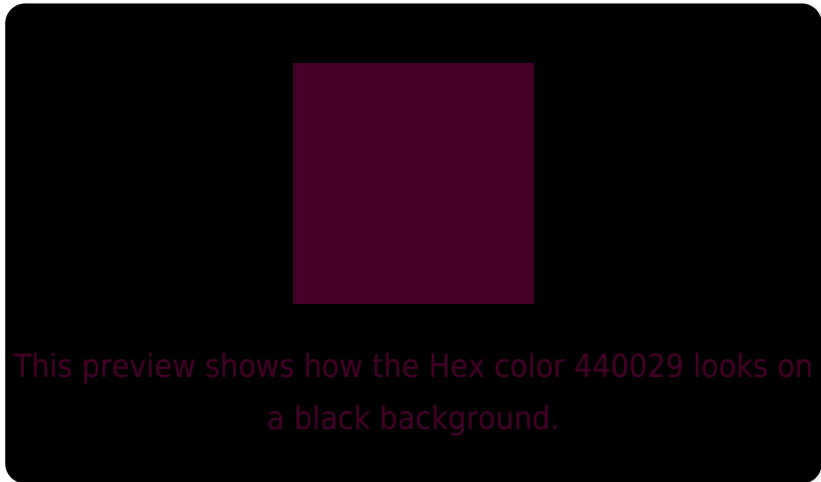
Large Text (above 18pt) WCAG AA ✓ Pass

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

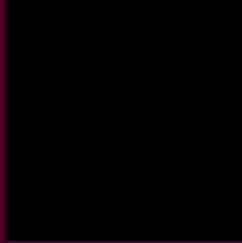
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 440029 Background



This preview shows how black text looks on a background with the Hex color 440029.



This preview shows how white text looks on a background with the Hex color 440029.

# 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**

440029

**Protanopia**

1A233B

**Deuteranopia**

262326



**Tritanopia**  
431011

# Trichromacy



**Original Color**  
440029

**Protanomaly**  
291634

**Deuteranomaly**  
311627

**Tritanomaly**  
430A1A

# Monochromacy



**Original Color**  
440029

**Achromatopsia**  
191919

**Achromatomaly**  
29101F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 440029 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 #440029 looks like.

```
.text, #text, p{  
    color:#440029  
}
```

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 #440029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440029
}
```

## Border

The CSS property to change the border of an element to Hex 440029 is called "border". The border property can be set on classes, ids or directly on the HTML element.

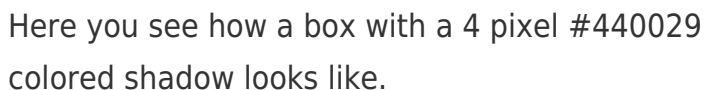
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440029 }
```

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

```
.border{ border-color:#440029 }
```

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



Here you see how a box with a 4 pixel #440029 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440029; -webkit-box-shadow:4px 4px  
4px 4px #440029; box-shadow:4px 4px 4px  
4px #440029 }
```

# Background

The CSS property to change the background color of an element to Hex 440029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440029 }
```

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

```
.background{ background-color:#440029 }
```

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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