

Converting Colors

Hex(440871)

Have a look what the booklet for
Hex(440871) contains.

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Color

Hex(440871)

Conversions

Conversions Part 1

Format	Color
Hex	440871
RGB	68, 8, 113
RGB Percent	27%, 3%, 44%
CMY	0.7333, 0.9686, 0.5569
CMYK	0.40, 0.93, 0.00, 0.56
HSL	274°, 87%, 24%
HSV	274°, 93%, 44%
XYZ	5.4514, 2.5949, 15.8363
YIQ	37.9100, 2.0550, 45.3750

Conversions

Conversions Part 2

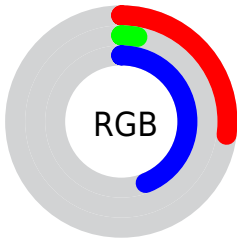
Format	Color
RYB	68, 8, 113
Decimal	4458609
CIELab	18.34, 44.80, -45.97
CIElCh	18, 64.185, 314.260
Yxy	2.5949, 0.2283, 0.1087
Android (android.graphics.Color)	4282648689 (0xFF440871)
YUV	37.9100, 37.0194, 26.3889
Hunter-Lab	16.1086, 32.2168, -47.0119

Details

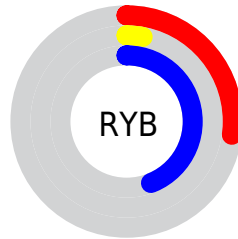
The Hex color **440871** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **357108**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **793EA6**, and **120040** is the 20% darker color. If you saturate the color by 10%, you get **410071**, and if you desaturate by 10%, it is **491371**.

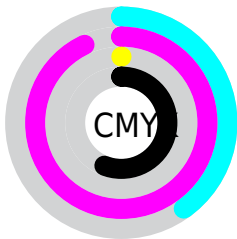
Distribution



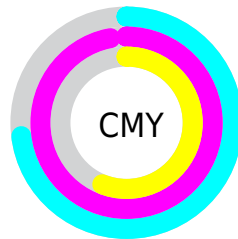
- Red (27%)
- Green (3%)
- Blue (44%)



- Red (27%)
- Yellow (3%)
- Blue (44%)



- Cyan (40%)
- Magenta (93%)
- Yellow (0%)
- Black (56%)



- Cyan (73%)
- Magenta (97%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440871 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 440871 by changing the saturation by 10% instead.

440871

440871

FFFBFF

290058

793EA6

120040

9557C1

000329

B171DD

000113

CD8BFA

000000

EAA6FF

FFC2FF

FFDEFF

440871

440871

■ 410071

■ 491371

■ 4E1F71

■ 532A71

■ 573571

■ 5C4171

■ 614C71

■ 665771

■ 6B6271

■ 706E71

Harmonies

Analogous

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



002D8A



440871



6E0047

Triad

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



440871



4C2100



003D43

Complementary

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



440871



357108

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.



003C11



440871



233200

Square

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



440871



690000



003900



003D6E

Rectangle

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



440871



770029



003900



003D33

Sweetspot

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



440871



826A94



083671



3F314A



C9C9C9



4A4A4A

Same Dimension

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



440871



550094



71086A



363238



440078



8D00F7

Inverse Universe

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



710835



94003F



08710F



383235



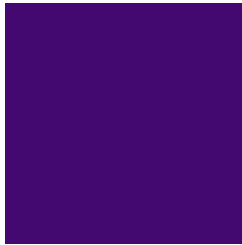
780033



F7006A

Previews

White Background



This preview shows how the Hex color 440871 looks on a white background.

Color Contrast Check

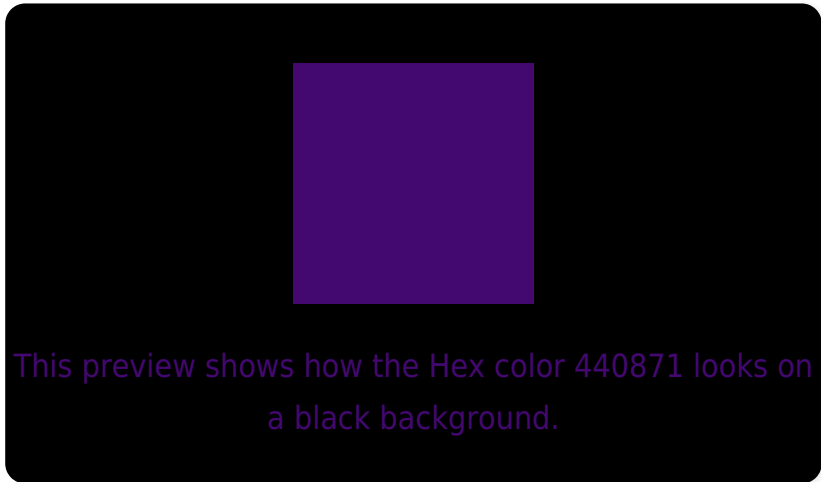
Large Text (above 18pt) WCAG AA ✓ Pass

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

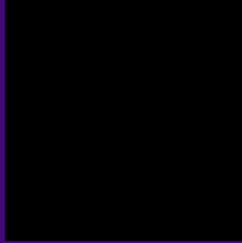
Any Text WCAG AA × Fail

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 440871 Background



This preview shows how black text looks on a background with the Hex color 440871.



This preview shows how white text looks on a background with the Hex color 440871.

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
440871

Protanopia
002E60

Deuteranopia
003153



Tritanopia
362C30

Trichromacy



Original Color
440871

Protanomaly
192066

Deuteranomaly
19225E

Tritanomaly
3B1F48

Monochromacy



Original Color
440871

Achromatopsia
262626

Achromatomaly
311B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 440871 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 #440871 looks like.

```
.text, #text, p{  
    color:#440871  
}
```

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 #440871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440871
}
```

Border

The CSS property to change the border of an element to Hex 440871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

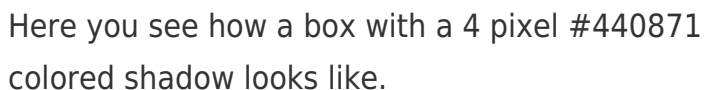
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440871 }
```

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

```
.border{ border-color:#440871 }
```

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



Here you see how a box with a 4 pixel #440871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440871; -webkit-box-shadow:4px 4px  
4px 4px #440871; box-shadow:4px 4px 4px  
4px #440871 }
```

Background

The CSS property to change the background color of an element to Hex 440871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440871 }
```

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

```
.background{ background-color:#440871 }
```

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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