

Converting Colors

Hex(440870)

Have a look what the booklet for
Hex(440870) contains.

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Color

Hex(440870)

Conversions

Conversions Part 1

Format	Color
Hex	440870
RGB	68, 8, 112
RGB Percent	27%, 3%, 44%
CMY	0.7333, 0.9686, 0.5608
CMYK	0.39, 0.93, 0.00, 0.56
HSL	275°, 87%, 24%
HSV	275°, 93%, 44%
XYZ	5.3954, 2.5725, 15.5414
YIQ	37.7960, 2.3760, 45.0640

Conversions

Conversions Part 2

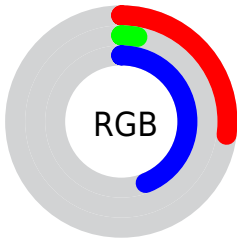
Format	Color
RYB	68, 8, 112
Decimal	4458608
CIELab	18.24, 44.56, -45.48
CIElCh	18, 63.673, 314.414
Yxy	2.5725, 0.2295, 0.1094
Android (android.graphics.Color)	4282648688 (0xFF440870)
YUV	37.7960, 36.5826, 26.4889
Hunter-Lab	16.0389, 31.9779, -46.2237

Details

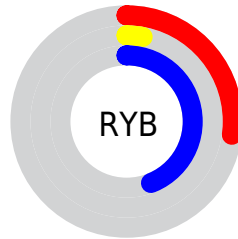
The Hex color **440870** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **347008**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **793EA5**, and **12003F** is the 20% darker color. If you saturate the color by 10%, you get **410070**, and if you desaturate by 10%, it is **491370**.

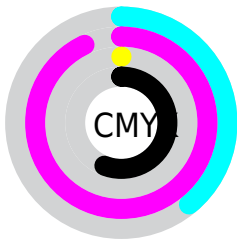
Distribution



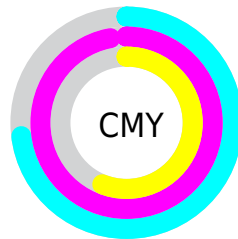
- Red (27%)
- Green (3%)
- Blue (44%)



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



- Cyan (39%)
- Magenta (93%)
- Yellow (0%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 440870 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 440870 by changing the saturation by 10% instead.

 440870

 440870

 FFFBFF

 290057

 793EA5

 12003F

 9557C0

 000328

 B071DC

 000112

 CD8BF9

 000000

 EAA6FF

 FFC2FF

 FFDEFF

 440870

 440870

■ 410070

■ 491370

■ 4D1E70

■ 522A70

■ 573570

■ 5C4070

■ 604B70

■ 655670

■ 6A6270

■ 6F6D70

Harmonies

Analogous

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



002D89



440870



6E0047

Triad

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



440870



4B2100



003D43

Complementary

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



440870



347008

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



440870



233200

Square

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



440870



680000



003800



003D6E

Rectangle

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



440870



760028



003800



003D33

Sweetspot

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



440870



806991



083570



3F314A



C9C9C9



4A4A4A

Same Dimension

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



440870



540091



700869



363238



450078



8F00F7

Inverse Universe

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



700834



91003D



08700F



383235



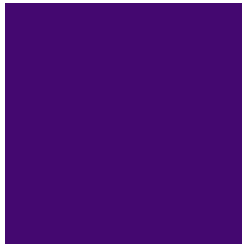
780033



F70069

Previews

White Background



This preview shows how the Hex color 440870 looks on a white background.

Color Contrast Check

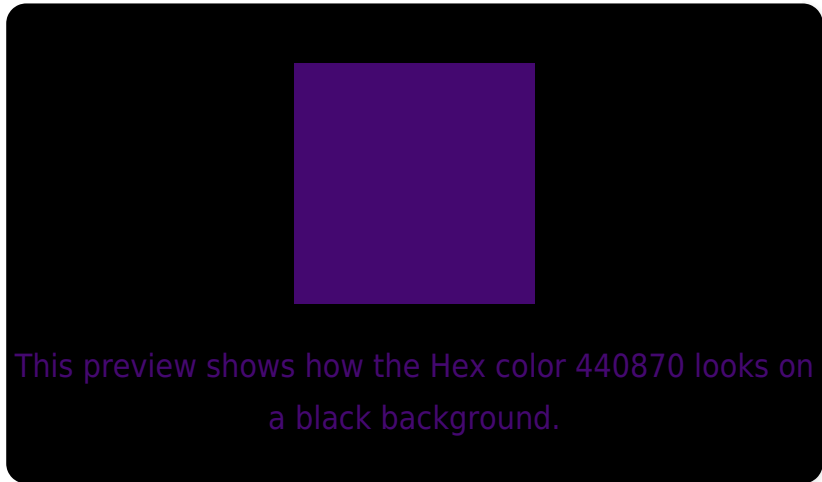
Large Text (above 18pt) WCAG AA ✓ Pass

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

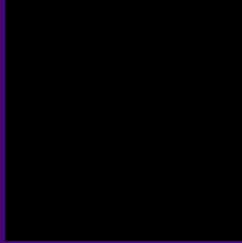
Any Text WCAG AA × Fail

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 440870 Background



This preview shows how black text looks on a background with the Hex color 440870.



This preview shows how white text looks on a background with the Hex color 440870.

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
440870

Protanopia
002D60

Deuteranopia
003052



Tritanopia
372C30

Trichromacy



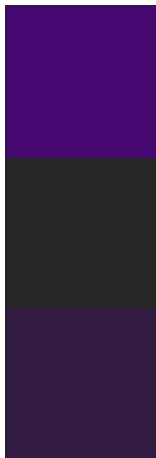
Original Color
440870

Protanomaly
192066

Deuteranomaly
19215D

Tritanomaly
3C1F47

Monochromacy



Original Color
440870

Achromatopsia
262626

Achromatomaly
311B41

CSS Examples

Text

The CSS property to change the color of the text to Hex 440870 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 #440870 looks like.

```
.text, #text, p{  
    color:#440870  
}
```

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 #440870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440870
}
```

Border

The CSS property to change the border of an element to Hex 440870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

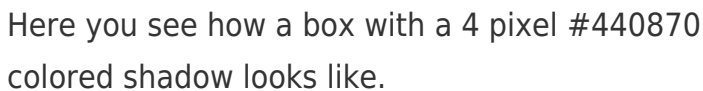
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440870 }
```

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

```
.border{ border-color:#440870 }
```

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



Here you see how a box with a 4 pixel #440870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440870; -webkit-box-shadow:4px 4px  
4px 4px #440870; box-shadow:4px 4px 4px  
4px #440870 }
```

Background

The CSS property to change the background color of an element to Hex 440870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440870 }
```

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

```
.background{ background-color:#440870 }
```

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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