

Converting Colors

Hex(440066)

Have a look what the booklet for
Hex(440066) contains.

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Color

Hex(440066)

Conversions

Conversions Part 1

Format	Color
Hex	440066
RGB	68, 0, 102
RGB Percent	27%, 0%, 40%
CMY	0.7333, 1.0000, 0.6000
CMYK	0.33, 1.00, 0.00, 0.60
HSL	280°, 100%, 20%
HSV	280°, 100%, 40%
XYZ	4.7822, 2.1883, 12.7407
YIQ	31.9600, 7.7860, 46.1380

Conversions

Conversions Part 2

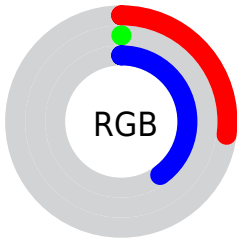
Format	Color
RYB	68, 0, 102
Decimal	4456550
CIELab	16.45, 44.73, -41.88
CIELCh	16, 61.280, 316.886
Yxy	2.1883, 0.2426, 0.1110
Android (android.graphics.Color)	4282646630 (0xFF440066)
YUV	31.9600, 34.5297, 31.6071
Hunter-Lab	14.7927, 31.8178, -40.7104

Details

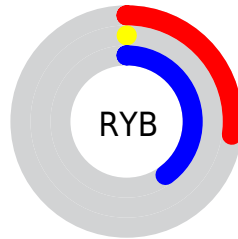
The Hex color **440066** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **226600**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **79389A**, and **120036** is the 20% darker color. If you saturate the color by 10%, you get **440066**, and if you desaturate by 10%, it is **470A66**.

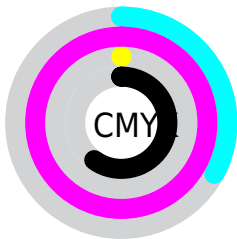
Distribution



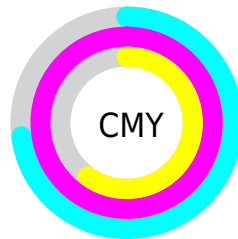
- Red (27%)
- Green (0%)
- Blue (40%)



- Red (27%)
- Yellow (0%)
- Blue (40%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (73%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440066 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 440066 by changing the saturation by 10% instead.

 440066

 440066

 FFF5FF

 2A004D

 79389A

 120036

 9452B5

 000220

 B06BD1

 000003

 CC86ED

 000000

 E9A1FF

 FFBCFF

 FFD8FF

 440066

■ 470A66

■ 4B1466

■ 4E1F66

■ 522966

■ 553366

■ 583D66

■ 5C4766

■ 5F5266

■ 635C66

Harmonies

Analogous

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



00277F



440066



68003E

Triad

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



440066



432000



003941

Complementary

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



440066



226600

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.



003713



440066



1B2E00

Square

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



440066



5F0000



003400



00386A

Rectangle

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



440066



6F0021



003400



003832

Sweetspot

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



440066



775D85



002266



3A2A42



C2C2C2



424242

Same Dimension

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



440066



580085



660055



312E33



4D0073



A200F2

Inverse Universe

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



660022



85002C



006611



332E30



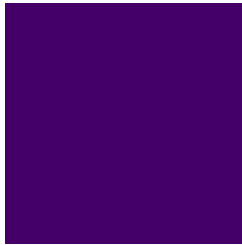
730026



F20051

Previews

White Background



This preview shows how the Hex color 440066 looks on a white background.

Color Contrast Check

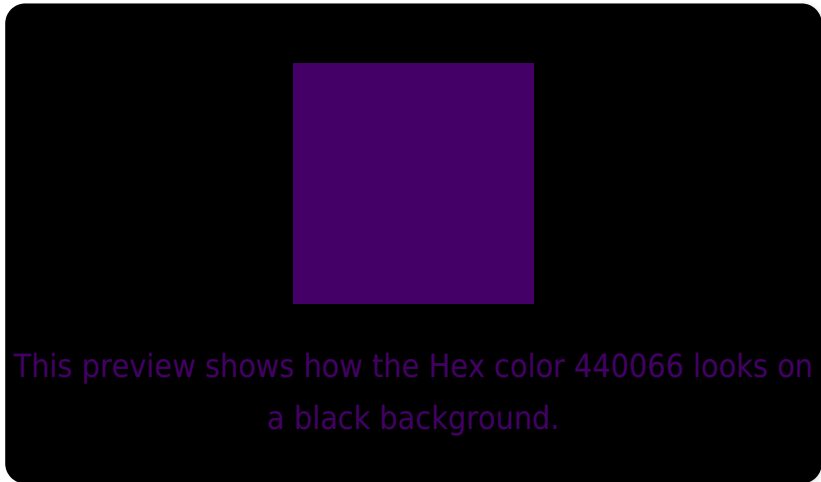
Large Text (above 18pt) WCAG AA ✓ Pass

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

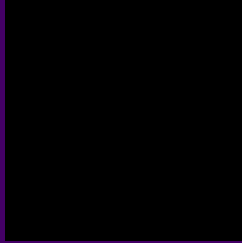
Any Text WCAG AA × Fail

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 440066 Background



This preview shows how black text looks on a background with the Hex color 440066.



This preview shows how white text looks on a background with the Hex color 440066.

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
440066

Protanopia
002B5B

Deuteranopia
002E4F



Tritanopia
39282B

Trichromacy



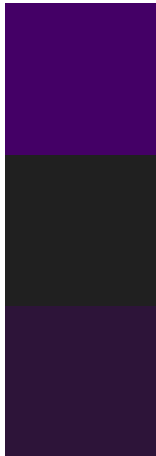
Original Color
440066

Protanomaly
191B5F

Deuteranomaly
191D57

Tritanomaly
3D1940

Monochromacy



Original Color
440066

Achromatopsia
202020

Achromatomaly
2D1439

CSS Examples

Text

The CSS property to change the color of the text to Hex 440066 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 #440066 looks like.

```
.text, #text, p{  
    color:#440066  
}
```

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 #440066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440066
}
```

Border

The CSS property to change the border of an element to Hex 440066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

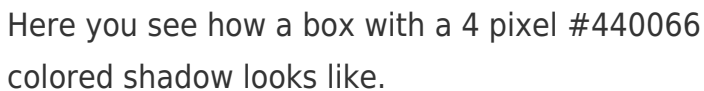
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440066 }
```

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

```
.border{ border-color:#440066 }
```

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



Here you see how a box with a 4 pixel #440066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440066; -webkit-box-shadow:4px 4px  
4px 4px #440066; box-shadow:4px 4px 4px  
4px #440066 }
```

Background

The CSS property to change the background color of an element to Hex 440066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440066 }
```

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

```
.background{ background-color:#440066 }
```

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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