

Converting Colors

Hex(440099)

Have a look what the booklet for
Hex(440099) contains.

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Color

Hex(440099)

Conversions

Conversions Part 1

Format	Color
Hex	440099
RGB	68, 0, 153
RGB Percent	27%, 0%, 60%
CMY	0.7333, 1.0000, 0.4000
CMYK	0.56, 1.00, 0.00, 0.40
HSL	267°, 100%, 30%
HSV	267°, 100%, 60%
XYZ	8.1337, 3.5289, 30.3894
YIQ	37.7740, -8.5850, 61.9990

Conversions

Conversions Part 2

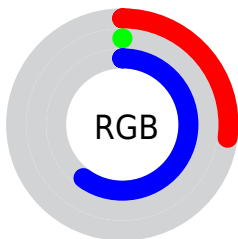
Format	Color
RYB	68, 0, 153
Decimal	4456601
CIELab	22.05, 56.33, -65.10
CIElCh	22, 86.092, 310.871
Yxy	3.5289, 0.1934, 0.0839
Android (android.graphics.Color)	4282646681 (0xFF440099)
YUV	37.7740, 56.8064, 26.5082
Hunter-Lab	18.7852, 44.4131, -82.7655

Details

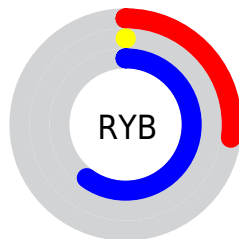
The Hex color **440099** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **559900**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7F3ED1**, and **000064** is the 20% darker color. If you saturate the color by 10%, you get **440099**, and if you desaturate by 10%, it is **4D0F99**.

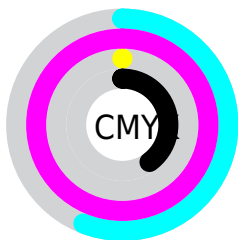
Distribution



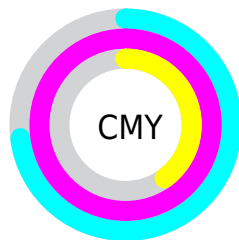
- Red (27%)
- Green (0%)
- Blue (60%)



- Red (27%)
- Yellow (0%)
- Blue (60%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 440099 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 440099 by changing the saturation by 10% instead.

 440099

 440099

FFFFFF

 22007E

 7F3ED1

 000064

 9C58ED

 00004B

 B973FF

 000434

 D68DFF

 00021E

 F4A9FF

 000000

 FFC5FF

 FFE1FF

 440099

 4D0F99

 551F99

 5E2E99

 663D99

 6F4D99

 775C99

 806B99

 887A99

 918A99

Harmonies

Analogous

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



003AB9



440099



8A0060

Triad

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



440099



611F00



00494C

Complementary

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



440099



559900

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.



004701



440099



2C3A00

Square

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



440099



870000



004400



004A8A

Rectangle

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



440099



980037



004400



004935

Sweetspot

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



440099



A68BC7



005799



504063



E3E3E3



636363

Same Dimension

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



440099



5800C7



8F0099



48454D



3E008C



06000D

Inverse Universe

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



990055



C7006E



0A9900



4D4549



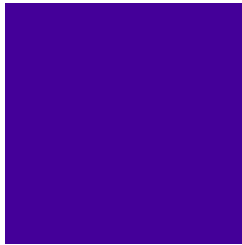
8C004E



0D0007

Previews

White Background



This preview shows how the Hex color 440099 looks on a white background.

Color Contrast Check

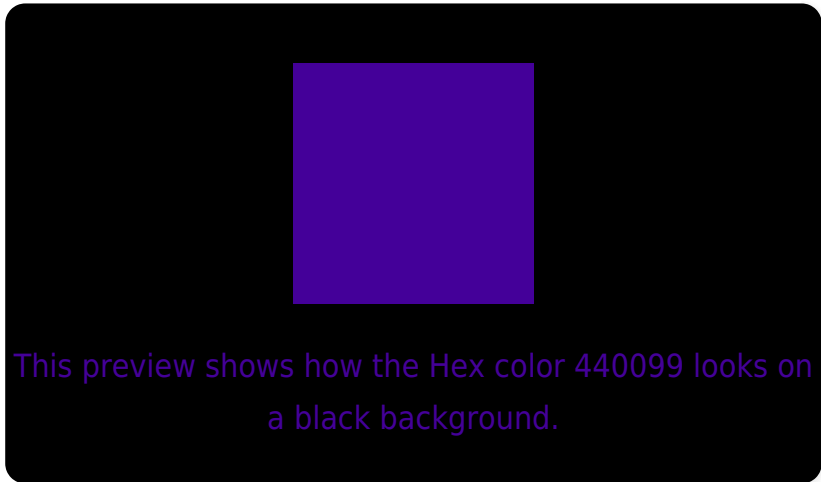
Large Text (above 18pt) WCAG AA ✓ Pass

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

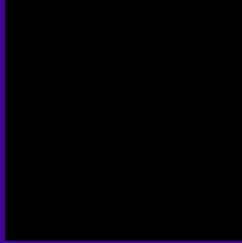
Any Text WCAG AA × Fail

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 440099 Background



This preview shows how black text looks on a background with the Hex color 440099.



This preview shows how white text looks on a background with the Hex color 440099.

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](#).

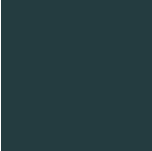
Dichromacy



Original Color
440099

Protanopia
003671

Deuteranopia
003A61



Tritanopia
243C40

Trichromacy



Original Color
440099

Protanomaly
192280

Deuteranomaly
192575

Tritanomaly
302660

Monochromacy



Original Color
440099

Achromatopsia
262626

Achromatomaly
311850

CSS Examples

Text

The CSS property to change the color of the text to Hex 440099 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 #440099 looks like.

```
.text, #text, p{  
    color:#440099  
}
```

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 #440099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440099
}
```

Border

The CSS property to change the border of an element to Hex 440099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

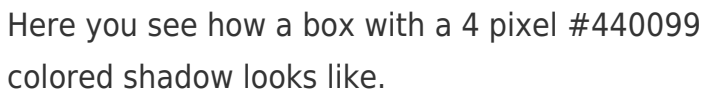
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440099 }
```

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

```
.border{ border-color:#440099 }
```

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



Here you see how a box with a 4 pixel #440099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440099; -webkit-box-shadow:4px 4px  
4px 4px #440099; box-shadow:4px 4px 4px  
4px #440099 }
```

Background

The CSS property to change the background color of an element to Hex 440099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440099 }
```

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

```
.background{ background-color:#440099 }
```

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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