

Converting Colors

Hex(440080)

Have a look what the booklet for
Hex(440080) contains.

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Color

Hex(440080)

Conversions

Conversions Part 1

Format	Color
Hex	440080
RGB	68, 0, 128
RGB Percent	27%, 0%, 50%
CMY	0.7333, 1.0000, 0.4980
CMYK	0.47, 1.00, 0.00, 0.50
HSL	272°, 100%, 25%
HSV	272°, 100%, 50%
XYZ	6.2802, 2.7875, 20.6291
YIQ	34.9240, -0.5600, 54.2240

Conversions

Conversions Part 2

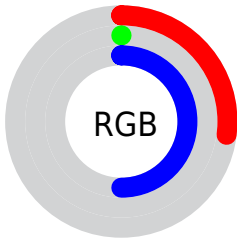
Format	Color
RYB	68, 0, 128
Decimal	4456576
CIELab	19.17, 50.54, -54.23
CIELCh	19, 74.125, 312.981
Yxy	2.7875, 0.2115, 0.0939
Android (android.graphics.Color)	4282646656 (0xFF440080)
YUV	34.9240, 45.8865, 29.0077
Hunter-Lab	16.6957, 37.9264, -61.5715

Details

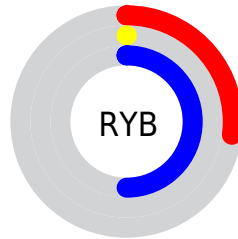
The Hex color **440080** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3C8000**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **7B3BB6**, and **0A004E** is the 20% darker color. If you saturate the color by 10%, you get **440080**, and if you desaturate by 10%, it is **4A0D80**.

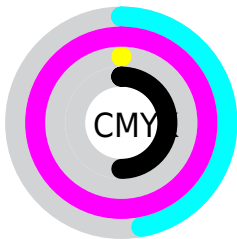
Distribution



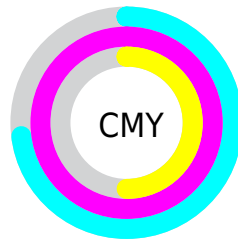
- Red (27%)
- Green (0%)
- Blue (50%)



- Red (27%)
- Yellow (0%)
- Blue (50%)



- Cyan (47%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440080 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 440080 by changing the saturation by 10% instead.

 440080

 440080

 FFFAFF

 270066

 7B3BB6

 0A004E

 9755D2

 000236

 B46FEF

 00021F

 D189FF

 000003

 EEA5FF

 000000

 FFC0FF

 FFDDFF

 440080

 4A0D80

 501A80

 562680

 5C3380

 624080

 684D80

 6E5A80

 746680

 7A7380

Harmonies

Analogous

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



00319C



440080



790050

Triad

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



440080



521F00



004146

Complementary

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



440080



3C8000

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.



003F09



440080



243400

Square

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



440080



730000



003C00



004179

Rectangle

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



440080



83002C



003C00



004033

Sweetspot

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



440080



8E74A6



003E80



463654



D4D4D4



545454

Same Dimension

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



440080



5800A6



80007E



3D3940



000000

Inverse Universe

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



80003C



A6004E



008002



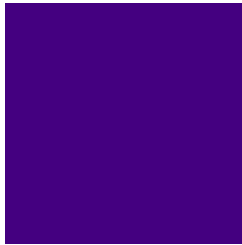
40393C



000000

Previews

White Background



This preview shows how the Hex color 440080 looks on a white background.

Color Contrast Check

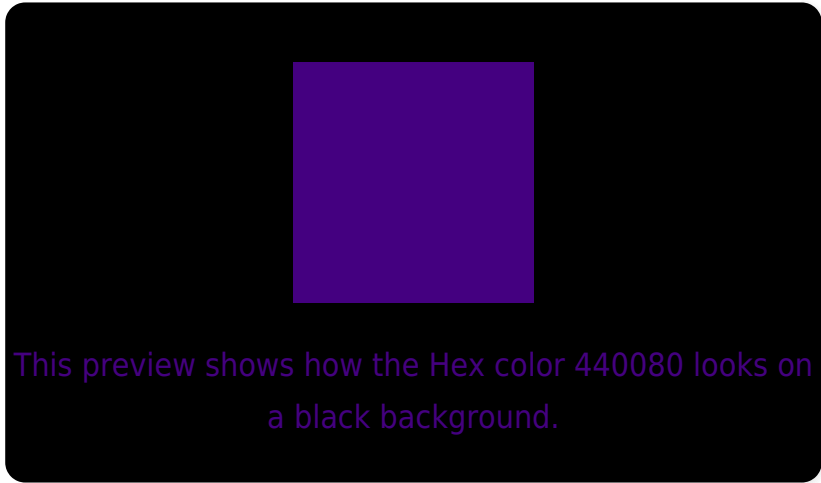
Large Text (above 18pt) WCAG AA ✓ Pass

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

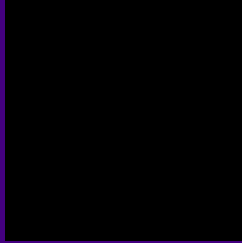
Any Text WCAG AA × Fail

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 440080 Background



This preview shows how black text looks on a background with the Hex color 440080.



This preview shows how white text looks on a background with the Hex color 440080.

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](#).

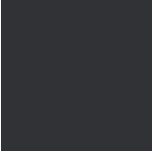
Dichromacy



Original Color
440080

Protanopia
003066

Deuteranopia
003457



Tritanopia
313236

Trichromacy



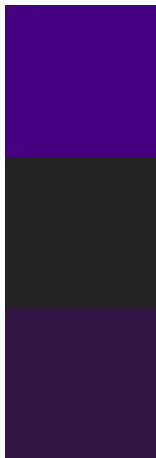
Original Color
440080

Protanomaly
191F6F

Deuteranomaly
192166

Tritanomaly
382051

Monochromacy



Original Color
440080

Achromatopsia
232323

Achromatomaly
2F1645

CSS Examples

Text

The CSS property to change the color of the text to Hex 440080 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 #440080 looks like.

```
.text, #text, p{  
    color:#440080  
}
```

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 #440080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440080
}
```

Border

The CSS property to change the border of an element to Hex 440080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

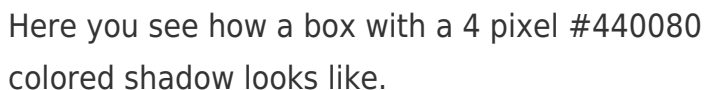
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440080 }
```

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

```
.border{ border-color:#440080 }
```

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



Here you see how a box with a 4 pixel #440080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440080; -webkit-box-shadow:4px 4px  
4px 4px #440080; box-shadow:4px 4px 4px  
4px #440080 }
```

Background

The CSS property to change the background color of an element to Hex 440080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440080 }
```

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

```
.background{ background-color:#440080 }
```

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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