

Converting Colors

Hex(440078)

Have a look what the booklet for
Hex(440078) contains.

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Color

Hex(440078)

Conversions

Conversions Part 1

Format	Color
Hex	440078
RGB	68, 0, 120
RGB Percent	27%, 0%, 47%
CMY	0.7333, 1.0000, 0.5294
CMYK	0.43, 1.00, 0.00, 0.53
HSL	274°, 100%, 24%
HSV	274°, 100%, 47%
XYZ	5.7741, 2.5850, 17.9639
YIQ	34.0120, 2.0080, 51.7360

Conversions

Conversions Part 2

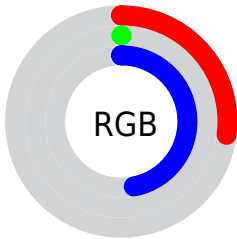
Format	Color
RYB	68, 0, 120
Decimal	4456568
CIELab	18.30, 48.72, -50.56
CIELCh	18, 70.208, 313.937
Yxy	2.5850, 0.2194, 0.0982
Android (android.graphics.Color)	4282646648 (0xFF440078)
YUV	34.0120, 42.3921, 29.8075
Hunter-Lab	16.0780, 35.9681, -54.9902

Details

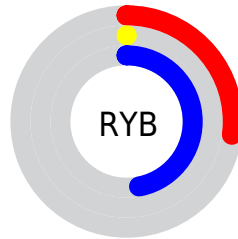
The Hex color **440078** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **347800**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **7A3AAD**, and **0E0046** is the 20% darker color. If you saturate the color by 10%, you get **440078**, and if you desaturate by 10%, it is **490C78**.

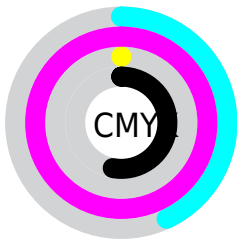
Distribution



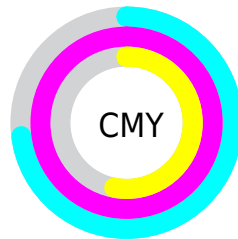
- Red (27%)
- Green (0%)
- Blue (47%)



- Red (27%)
- Yellow (0%)
- Blue (47%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (53%)



- Cyan (73%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440078 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 440078 by changing the saturation by 10% instead.

 440078

 440078


 FFF8FF

 28005F

 7A3AAD

 0E0046

 9654C9

 00042F

 B26EE6

 000119

 CF88FF

 000000

 ECA3FF

 FFBFFF

 FFDBFF

 440078

 490C78

 4E1878

 542478

 593078

 5E3C78

 634878

 685478

 6E6078

 736C78

Harmonies

Analogous

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



002E93



440078



74004A

Triad

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



440078



4E1F00



003E44

Complementary

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



440078



347800

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.



003D0C



440078



213200

Square

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



440078



6D0000



003900



003E74

Rectangle

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



440078



7D0029



003900



003E32

Sweetspot

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



440078



876D9C



003478



43334F



CFCFCF



4F4F4F

Same Dimension

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



440078



58009C



780070



3B373D



47007D



8F00FC

Inverse Universe

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



780034



9C0043



007808



3D373A



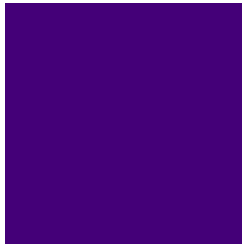
7D0036



FC006D

Previews

White Background



This preview shows how the Hex color 440078 looks on a white background.

Color Contrast Check

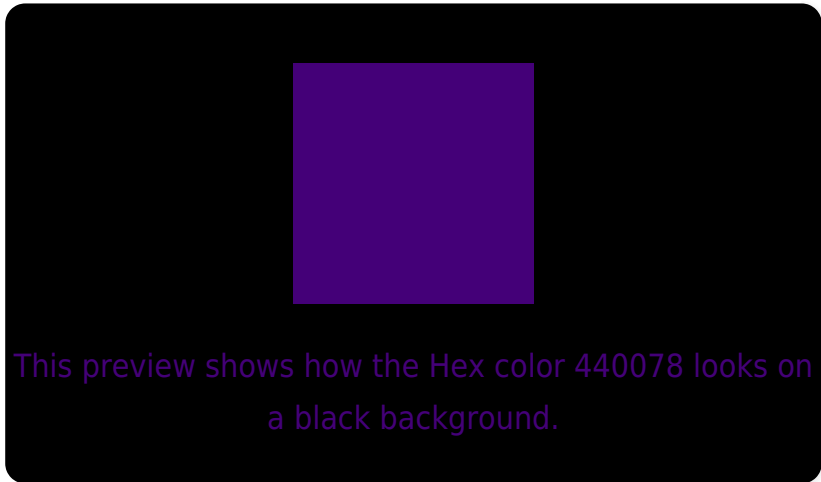
Large Text (above 18pt) WCAG AA ✓ Pass

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

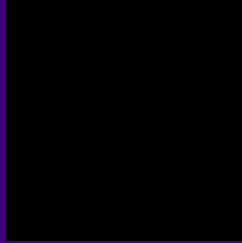
Any Text WCAG AA × Fail

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 440078 Background



This preview shows how black text looks on a background with the Hex color 440078.



This preview shows how white text looks on a background with the Hex color 440078.

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
440078

Protanopia
002F62

Deuteranopia
003254



Tritanopia
342F32

Trichromacy



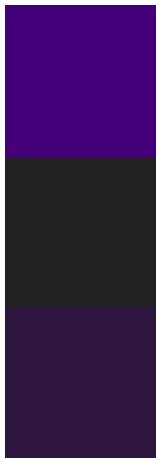
Original Color
440078

Protanomaly
191E6A

Deuteranomaly
192061

Tritanomaly
3A1E4B

Monochromacy



Original Color
440078

Achromatopsia
222222

Achromatomaly
2E1641

CSS Examples

Text

The CSS property to change the color of the text to Hex 440078 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 #440078 looks like.

```
.text, #text, p{  
    color:#440078  
}
```

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 #440078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440078
}
```

Border

The CSS property to change the border of an element to Hex 440078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

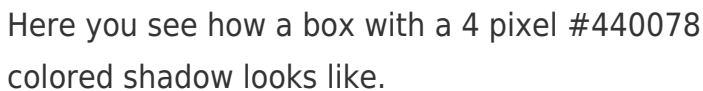
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440078 }
```

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

```
.border{ border-color:#440078 }
```

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



Here you see how a box with a 4 pixel #440078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440078; -webkit-box-shadow:4px 4px  
4px 4px #440078; box-shadow:4px 4px 4px  
4px #440078 }
```

Background

The CSS property to change the background color of an element to Hex 440078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440078 }
```

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

```
.background{ background-color:#440078 }
```

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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