

Converting Colors

Hex(440C47)

Have a look what the booklet for
Hex(440C47) contains.

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Color

Hex(440C47)

Conversions

Conversions Part 1

Format	Color
Hex	440C47
RGB	68, 12, 71
RGB Percent	27%, 5%, 28%
CMY	0.7333, 0.9529, 0.7216
CMYK	0.04, 0.83, 0.00, 0.72
HSL	297°, 71%, 16%
HSV	297°, 83%, 28%
XYZ	3.6527, 1.9468, 6.1445
YIQ	35.4700, 14.4370, 30.2210

Conversions

Conversions Part 2

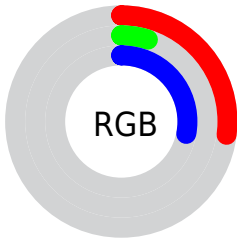
Format	Color
RYB	68, 12, 71
Decimal	4459591
CIELab	15.21, 34.22, -22.91
CIElCh	15, 41.185, 326.200
Yxy	1.9468, 0.3110, 0.1658
Android (android.graphics.Color)	4282649671 (0xFF440C47)
YUV	35.4700, 17.5163, 28.5288
Hunter-Lab	13.9528, 22.3118, -16.3429




Details

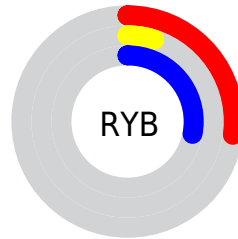
The Hex color **440C47** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0F470C**, and the grayscale version is **232323**.




A 20% lighter version of the original color is **763D78**, and **11001B** is the 20% darker color. If you saturate the color by 10%, you get **440547**, and if you desaturate by 10%, it is **441347**.

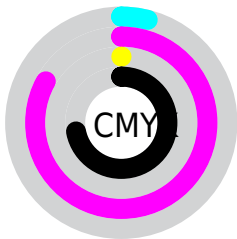
Distribution







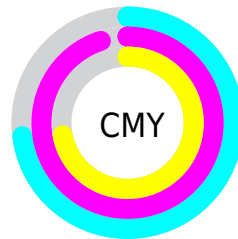
-  Red (27%)
-  Green (5%)
-  Blue (28%)






-  Red (27%)
-  Yellow (5%)
-  Blue (28%)



-  Cyan (4%)
-  Magenta (83%)
-  Yellow (0%)
-  Black (72%)



-  Cyan (73%)
-  Magenta (95%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 440C47 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 440C47 by changing the saturation by 10% instead.

 440C47


 440C47

 FFF8FF

 2D0030

 763D78

 11001B

 915692

 000000

 AC6FAC

 C889C8

 E4A4E4

 FFBFFF

 FFDBFF

 440C47

 440C47

■ 440547

■ 441347

■ 430047

■ 451A47

■ 452147

■ 452847

■ 463047

■ 463747

■ 473E47

■ 474547

■ 474C47

Harmonies

Analogous

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



14205B



440C47



55002B

Triad

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



440C47



342400



00323F

Complementary

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



440C47



0F470C

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.



003221



440C47



182C00

Square

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



440C47



491600



003000



003157

Rectangle

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



440C47



570018



003000



003236

Sweetspot

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



440C47



5B455C



0C1047



2D202E



ADADAD



2E2E2E

Same Dimension

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



440C47



57005C



470C2D



242024



5E0063



D700E3

Inverse Universe

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



470C0F



5C0005



0C4726



242020



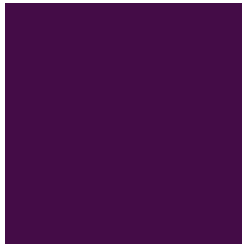
630005



E3000C

Previews

White Background



This preview shows how the Hex color 440C47 looks on a white background.

Color Contrast Check

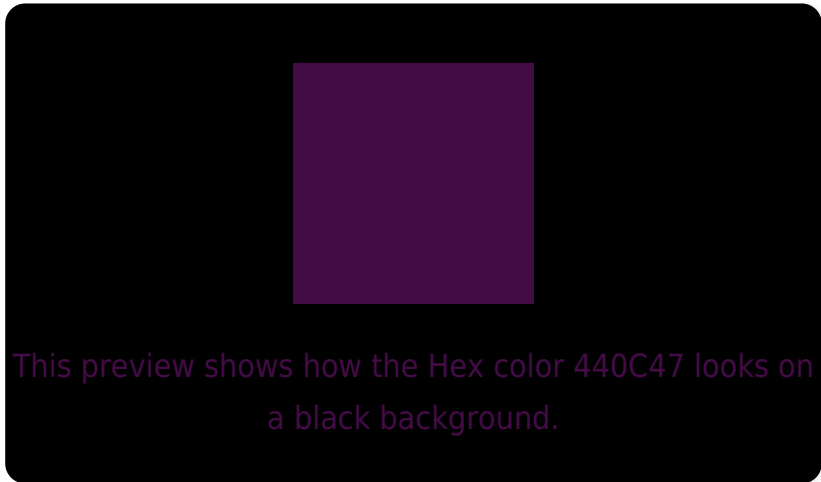
Large Text (above 18pt) WCAG AA ✓ Pass

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

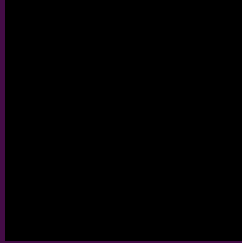
Any Text WCAG AA × Fail

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 440C47 Background



This preview shows how black text looks on a background with the Hex color 440C47.



This preview shows how white text looks on a background with the Hex color 440C47.

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
440C47

Protanopia
002752

Deuteranopia
172943



Tritanopia
3F1D20

Trichromacy



Original Color
440C47

Protanomaly
191D4E

Deuteranomaly
271E44

Tritanomaly
41172E

Monochromacy



Original Color
440C47

Achromatopsia
232323

Achromatomaly
2F1B30

CSS Examples

Text

The CSS property to change the color of the text to Hex 440C47 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 #440C47 looks like.

```
.text, #text, p{  
    color:#440C47  
}
```

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 #440C47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #440C47
}
```

Border

The CSS property to change the border of an element to Hex 440C47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

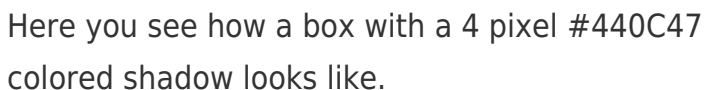
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#440C47 }
```

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

```
.border{ border-color:#440C47 }
```

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



Here you see how a box with a 4 pixel #440C47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #440C47; -webkit-box-shadow:4px 4px  
4px 4px #440C47; box-shadow:4px 4px 4px  
4px #440C47 }
```

Background

The CSS property to change the background color of an element to Hex 440C47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#440C47 }
```

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

```
.background{ background-color:#440C47 }
```

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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