

Converting Colors

Hex(410C77)

Have a look what the booklet for
Hex(410C77) contains.

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Color

Hex(410C77)

Conversions

Conversions Part 1

Format	Color
Hex	410C77
RGB	65, 12, 119
RGB Percent	25%, 5%, 47%
CMY	0.7451, 0.9529, 0.5333
CMYK	0.45, 0.90, 0.00, 0.53
HSL	270°, 82%, 26%
HSV	270°, 90%, 47%
XYZ	5.6412, 2.7187, 17.6802
YIQ	40.0450, -2.7590, 44.5130

Conversions

Conversions Part 2

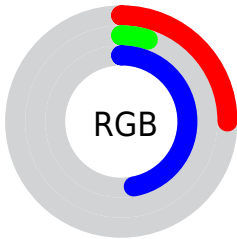
Format	Color
RYB	65, 12, 119
Decimal	4263031
CIELab	18.88, 44.69, -48.97
CIElCh	19, 66.300, 312.382
Yxy	2.7187, 0.2166, 0.1044
Android (android.graphics.Color)	4282453111 (0xFF410C77)
YUV	40.0450, 38.9248, 21.8855
Hunter-Lab	16.4884, 32.2160, -52.0337




Details

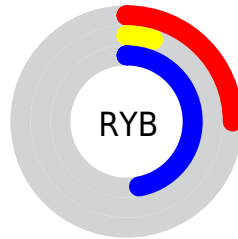
The Hex color **410C77** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **42770C**, and the grayscale version is **282828**.




A 20% lighter version of the original color is **7740AC**, and **0C0045** is the 20% darker color. If you saturate the color by 10%, you get **3B0077**, and if you desaturate by 10%, it is **471877**.

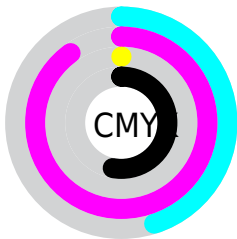
Distribution







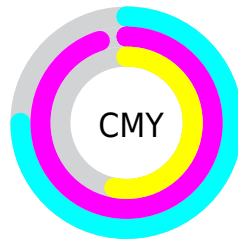
-  Red (25%)
-  Green (5%)
-  Blue (47%)






-  Red (25%)
-  Yellow (5%)
-  Blue (47%)



-  Cyan (45%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (75%)
-  Magenta (95%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 410C77 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 410C77 by changing the saturation by 10% instead.

410C77

410C77

FFFDFF

25005E

7740AC

0C0045

9259C8

00042E

AE73E4

000118

CB8DFF

000000

E8A8FF

FFC4FF

FFE0FF

410C77

410C77

■ 3B0077

■ 471877

■ 4D2477

■ 533077

■ 593C77

■ 5F4777

■ 655377

■ 6B5F77

■ 716B77

■ 777777

Harmonies

Analogous

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



00308F



410C77



70004C

Triad

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



410C77



502000



003F42

Complementary

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



410C77



42770C

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.



003D0D



410C77



273200

Square

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



410C77



6D0000



003A00



003F70

Rectangle

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



410C77



7A002D



003A00



003E31

Sweetspot

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



410C77



86729C



0C4377



42364F



CFCFCF



4F4F4F

Same Dimension

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



410C77



4D009C



750C77



38353B



3D007A



7C00FA

Inverse Universe

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



770C42



9C004F



0E770C



3B3538



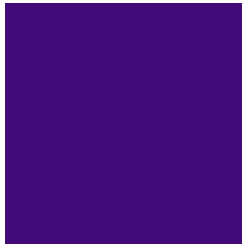
7A003E



FA007E

Previews

White Background



This preview shows how the Hex color 410C77 looks on a white background.

Color Contrast Check

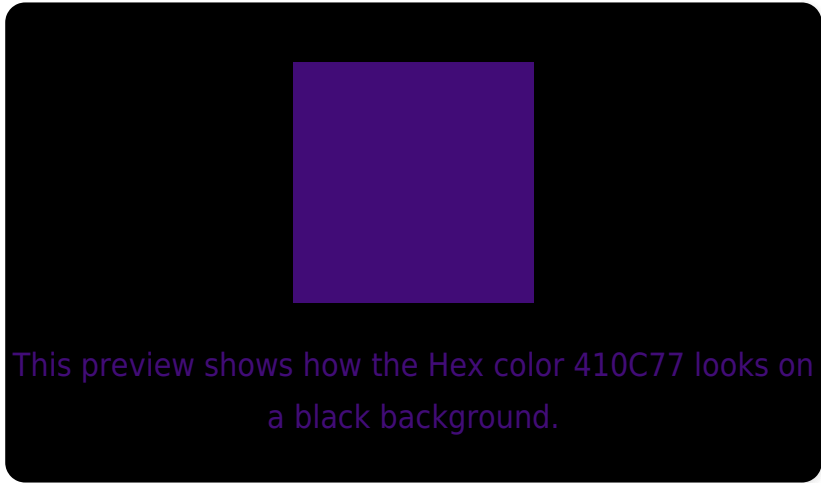
Large Text (above 18pt) WCAG AA ✓ Pass

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

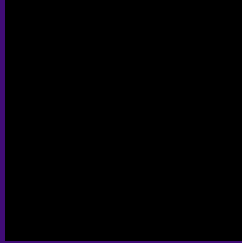
Any Text WCAG AA × Fail

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 410C77 Background



This preview shows how black text looks on a background with the Hex color 410C77.



This preview shows how white text looks on a background with the Hex color 410C77.

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
410C77

Protanopia
002E61

Deuteranopia
003154



Tritanopia
302F33

Trichromacy



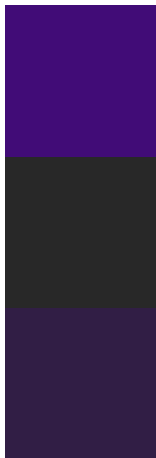
Original Color
410C77

Protanomaly
182269

Deuteranomaly
182461

Tritanomaly
36224C

Monochromacy



Original Color
410C77

Achromatopsia
282828

Achromatomaly
311E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 410C77 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 #410C77 looks like.

```
.text, #text, p{  
    color:#410C77  
}
```

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 #410C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #410C77
}
```

Border

The CSS property to change the border of an element to Hex 410C77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

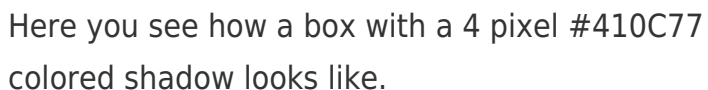
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#410C77 }
```

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

```
.border{ border-color:#410C77 }
```

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



Here you see how a box with a 4 pixel #410C77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #410C77; -webkit-box-shadow:4px 4px  
4px 4px #410C77; box-shadow:4px 4px 4px  
4px #410C77 }
```

Background

The CSS property to change the background color of an element to Hex 410C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#410C77 }
```

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

```
.background{ background-color:#410C77 }
```

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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