

Converting Colors

Hex(410049)

Have a look what the booklet for
Hex(410049) contains.

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Color

Hex(410049)

Conversions

Conversions Part 1

Format	Color
Hex	410049
RGB	65, 0, 73
RGB Percent	25%, 0%, 29%
CMY	0.7451, 1.0000, 0.7137
CMYK	0.11, 1.00, 0.00, 0.71
HSL	293°, 100%, 14%
HSV	293°, 100%, 29%
XYZ	3.3826, 1.6049, 6.4348
YIQ	27.7570, 15.3070, 36.4830

Conversions

Conversions Part 2

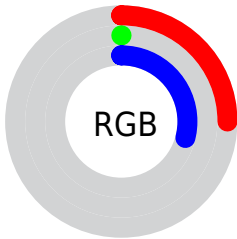
Format	Color
RYB	65, 0, 73
Decimal	4259913
CIELab	13.26, 38.35, -27.46
CIElCh	13, 47.161, 324.397
Yxy	1.6049, 0.2961, 0.1405
Android (android.graphics.Color)	4282449993 (0xFF410049)
YUV	27.7570, 22.3048, 32.6621
Hunter-Lab	12.6683, 25.4919, -21.2483

Details

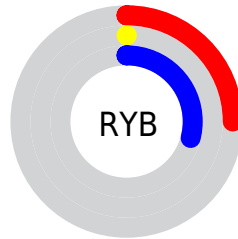
The Hex color **410049** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **084900**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **74357A**, and **06001C** is the 20% darker color. If you saturate the color by 10%, you get **410049**, and if you desaturate by 10%, it is **420749**.

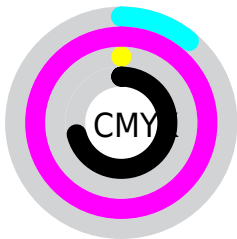
Distribution



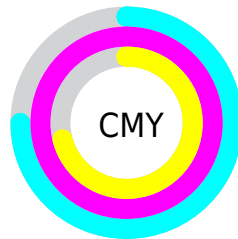
- Red (25%)
- Green (0%)
- Blue (29%)



- Red (25%)
- Yellow (0%)
- Blue (29%)



- Cyan (11%)
- Magenta (100%)
- Yellow (0%)
- Black (71%)



- Cyan (75%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 410049 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 410049 by changing the saturation by 10% instead.

 410049

 410049

 FFF0FF

 2A0032

 74357A

 06001C

 8E4E94

 000000

 AA67AF

 C681CB

 E29CE7

 FFB7FF

 FFD3FF

 410049

■ 420749

■ 430F49

■ 431649

■ 441D49

■ 452549

■ 462C49

■ 473349

■ 473A49

■ 484249

Harmonies

Analogous

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



001D5F



410049



55002A

Triad

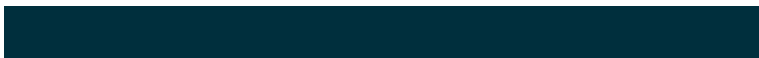
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



410049



311F00



002F3D

Complementary

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



410049



084900

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.



002F1B



410049



102800

Square

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



410049



480B00



002C00



002E58

Rectangle

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



410049



570014



002C00



002F32

Sweetspot

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



410049



5B425E



000949



2F1F30



B0B0B0



303030

Same Dimension

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



410049



54005E



49002D



232024



590063



CA00E3

Inverse Universe

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



490008



5E000A



00491C



242021



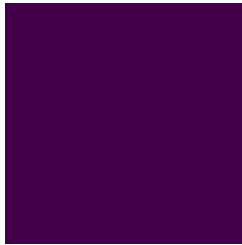
63000B



E30019

Previews

White Background



This preview shows how the Hex color 410049 looks on a white background.

Color Contrast Check

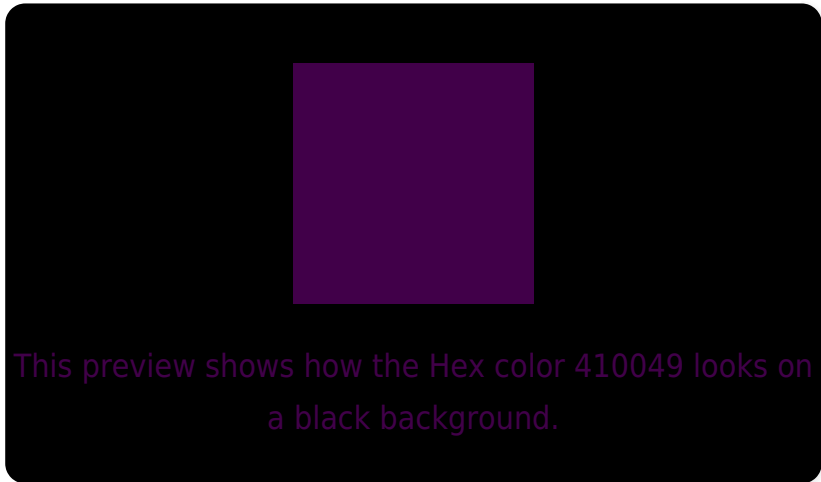
Large Text (above 18pt) WCAG AA ✓ Pass

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

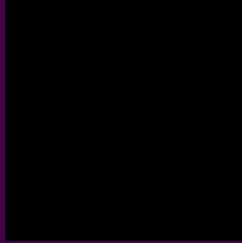
Any Text WCAG AA × Fail

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 410049 Background



This preview shows how black text looks on a background with the Hex color 410049.



This preview shows how white text looks on a background with the Hex color 410049.

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
410049

Protanopia
00254E

Deuteranopia
092745



Tritanopia
3C1D1F

Trichromacy



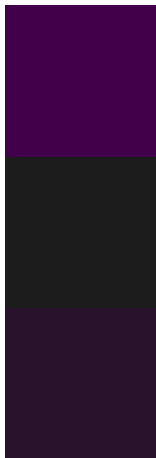
Original Color
410049

Protanomaly
18184C

Deuteranomaly
1D1946

Tritanomaly
3E122E

Monochromacy



Original Color
410049

Achromatopsia
1C1C1C

Achromatomaly
29122C

CSS Examples

Text

The CSS property to change the color of the text to Hex 410049 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 #410049 looks like.

```
.text, #text, p{  
    color:#410049  
}
```

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 #410049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #410049
}
```

Border

The CSS property to change the border of an element to Hex 410049 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
#410049 }
```

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

```
.border{ border-color:#410049 }
```

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

Here you see how a box with a 4 pixel #410049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #410049; -webkit-box-shadow:4px 4px  
4px 4px #410049; box-shadow:4px 4px 4px  
4px #410049 }
```

Background

The CSS property to change the background color of an element to Hex 410049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#410049 }
```

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

```
.background{ background-color:#410049 }
```

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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