

# Converting Colors

Hex(410145)

Have a look what the booklet for  
Hex(410145) contains.

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# Color

**Hex(410145)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	410145
RGB	65, 1, 69
RGB Percent	25%, 0%, 27%
CMY	0.7451, 0.9961, 0.7294
CMYK	0.06, 0.99, 0.00, 0.73
HSL	296°, 97%, 14%
HSV	296°, 99%, 27%
XYZ	3.2650, 1.5752, 5.7622
YIQ	27.8880, 16.3160, 34.7160

# Conversions

## Conversions Part 2

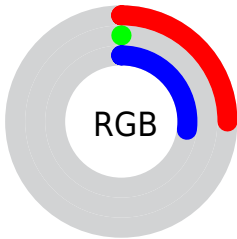
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 1, 69
Decimal	4260165
CIELab	13.08, 37.20, -24.95
CIELCh	13, 44.793, 326.146
Yxy	1.5752, 0.3080, 0.1486
Android (android.graphics.Color)	4282450245 (0xFF410145)
YUV	27.8880, 20.2682, 32.5472
Hunter-Lab	12.5507, 24.4723, -18.4353

# Details

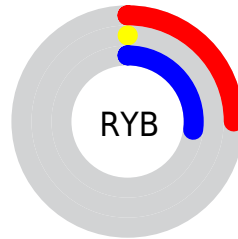
The Hex color **410145** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **054501**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **743576**, and **040019** is the 20% darker color. If you saturate the color by 10%, you get **410045**, and if you desaturate by 10%, it is **410845**.

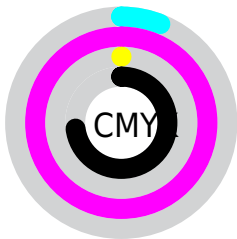
# Distribution



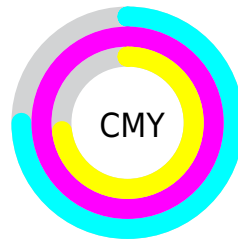
- Red (25%)
- Green (0%)
- Blue (27%)



- Red (25%)
- Yellow (0%)
- Blue (27%)



- Cyan (6%)
- Magenta (99%)
- Yellow (0%)
- Black (73%)



- Cyan (75%)
- Magenta (100%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 410145 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 410145 by changing the saturation by 10% instead.



 410145

 410145

 FFF0FF

 2A002F

 743576

 040019

 8E4E90

 000000

 A967AA

 C581C6

 E29CE2

 FFB7FE

 FFD3FF

 410145

 410145

■ 410045

■ 410845

■ 420F45

■ 421645

■ 431D45

■ 432345

■ 432A45

■ 443145

■ 443845

■ 453F45

# Harmonies

## Analogous

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



031B5B



410145



530027

# Triad

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



410145



2F1F00



002E3D

# Complementary

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



410145



054501

# 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.



002E1D



410145



0F2800

# Square

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



410145



450E00



002C00



002D56

# Rectangle

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



410145



550012



002C00



002E32



# Sweetspot

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



410145



583E59



010645



2D1D2E



ADADAD



2E2E2E



# Same Dimension

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



410145



540059



450128



232024



5E0063



D600E3



# Inverse Universe

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



450105



590005



01451E



242020



630006

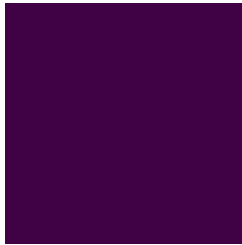


E3000D



# Previews

## White Background



This preview shows how the Hex color 410145 looks on a white background.

## Color Contrast Check

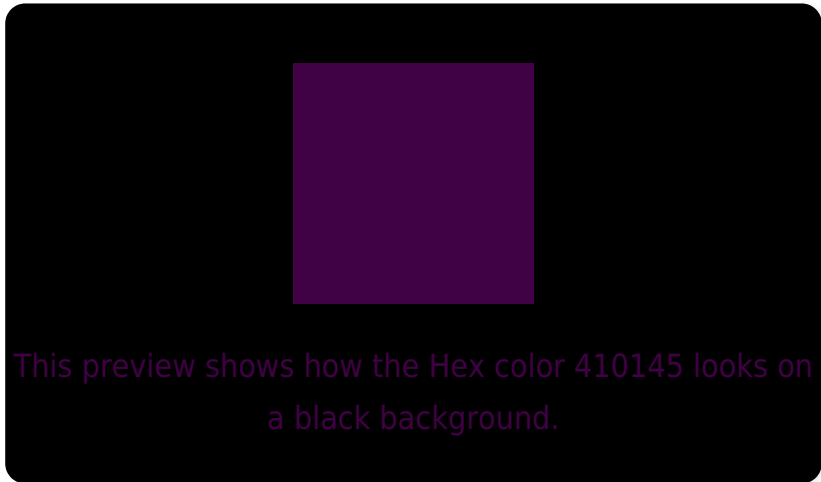
Large Text (above 18pt) WCAG AA ✓ Pass

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

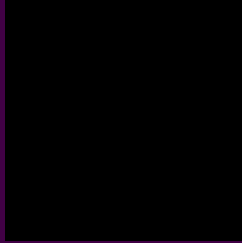
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 410145 Background



This preview shows how black text looks on a background with the Hex color 410145.



This preview shows how white text looks on a background with the Hex color 410145.

# 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**  
410145

**Protanopia**  
00254D

**Deuteranopia**  
112641



**Tritanopia**  
3C1B1D

# Trichromacy



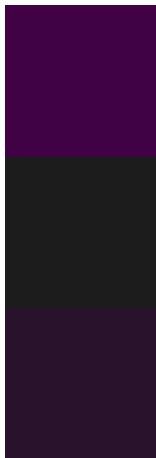
**Original Color**  
410145

**Protanomaly**  
18184A

**Deuteranomaly**  
221942

**Tritanomaly**  
3E122C

# Monochromacy



**Original Color**  
410145

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
29122B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 410145 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 #410145 looks like.

```
.text, #text, p{  
    color:#410145  
}
```

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 #410145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #410145
}
```

## Border

The CSS property to change the border of an element to Hex 410145 is called "border". The border property can be set on classes, ids or directly on the HTML element.

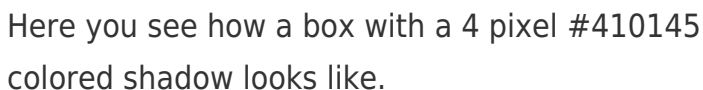
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#410145 }
```

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

```
.border{ border-color:#410145 }
```

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



Here you see how a box with a 4 pixel #410145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #410145; -webkit-box-shadow:4px 4px  
4px 4px #410145; box-shadow:4px 4px 4px  
4px #410145 }
```

# Background

The CSS property to change the background color of an element to Hex 410145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#410145 }
```

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

```
.background{ background-color:#410145 }
```

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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