

Converting Colors

Hex(410296)

Have a look what the booklet for
Hex(410296) contains.

Hex(410296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(410296)

Conversions

Conversions Part 1

Format	Color
Hex	410296
RGB	65, 2, 150
RGB Percent	25%, 1%, 59%
CMY	0.7451, 0.9922, 0.4118
CMYK	0.57, 0.99, 0.00, 0.41
HSL	266°, 97%, 30%
HSV	266°, 99%, 59%
XYZ	7.7067, 3.3692, 29.0983
YIQ	37.7090, -9.9600, 59.3840

Conversions

Conversions Part 2

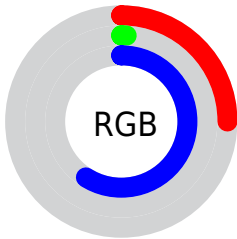
Format	Color
RYB	65, 2, 150
Decimal	4260502
CIELab	21.47, 54.92, -64.23
CIELCh	21, 84.508, 310.533
Yxy	3.3692, 0.1918, 0.0839
Android (android.graphics.Color)	4282450582 (0xFF410296)
YUV	37.7090, 55.3595, 23.9342
Hunter-Lab	18.3555, 42.8225, -81.1414

Details

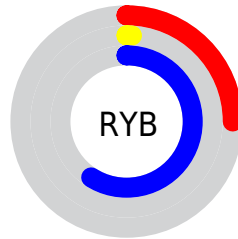
The Hex color **410296** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **579602**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7C3ECD**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **400096**, and if you desaturate by 10%, it is **4A1196**.

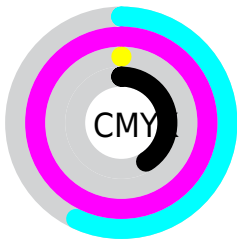
Distribution



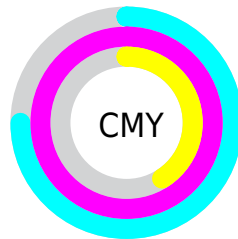
- Red (25%)
- Green (1%)
- Blue (59%)



- Red (25%)
- Yellow (1%)
- Blue (59%)



- Cyan (57%)
- Magenta (99%)
- Yellow (0%)
- Black (41%)



- Cyan (75%)
- Magenta (99%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 410296 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 410296 by changing the saturation by 10% instead.

 410296

 410296

FFFEFF

 1F007B

 7C3ECD

 000062

 9958EA

 000049

 B672FF

 000431

 D38DFF

 00011B

 F1A8FF

 000000

 FFC4FF

 FFE1FF

 410296

 410296

■ 400096

■ 4A1196

■ 522096

■ 5B2F96

■ 633E96

■ 6C4D96

■ 755C96

■ 7D6B96

■ 867A96

■ 8F8996

Harmonies

Analogous

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



0039B4



410296



86005F

Triad

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



410296



601E00



004749

Complementary

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



410296



579602

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.



004600



410296



2C3900

Square

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



410296



840000



004200



004986

Rectangle

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



410296



940036



004200



004733

Sweetspot

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



410296



A088C2



025896



4D3E61



E0E0E0



616161

Same Dimension

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



410296



5200C2



8A0296



46434A



3B008A



04000A

Inverse Universe

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



960257



C2006F



0E9602



4A4347



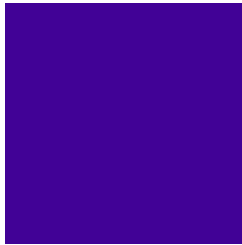
8A004F



0A0006

Previews

White Background



This preview shows how the Hex color 410296 looks on a white background.

Color Contrast Check

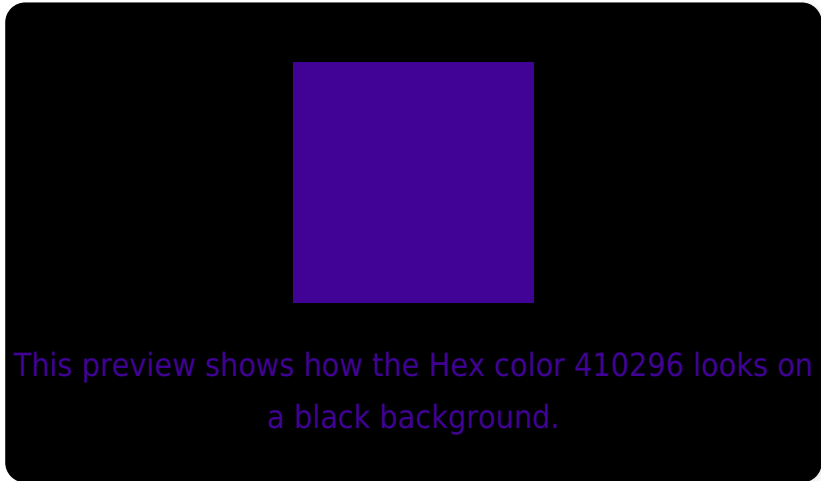
Large Text (above 18pt) WCAG AA ✓ Pass

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

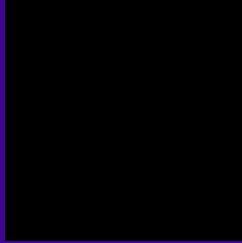
Any Text WCAG AA × Fail

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 410296 Background



This preview shows how black text looks on a background with the Hex color 410296.



This preview shows how white text looks on a background with the Hex color 410296.

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
410296

Protanopia
00356E

Deuteranopia
00385E



Tritanopia
203A3F

Trichromacy



Original Color
410296

Protanomaly
18227D

Deuteranomaly
182472

Tritanomaly
2C265F

Monochromacy



Original Color
410296

Achromatopsia
262626

Achromatomaly
30194F

CSS Examples

Text

The CSS property to change the color of the text to Hex 410296 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 #410296 looks like.

```
.text, #text, p{  
    color:#410296  
}
```

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 #410296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #410296
}
```

Border

The CSS property to change the border of an element to Hex 410296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

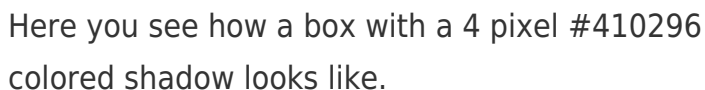
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#410296 }
```

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

```
.border{ border-color:#410296 }
```

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



Here you see how a box with a 4 pixel #410296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #410296; -webkit-box-shadow:4px 4px  
4px 4px #410296; box-shadow:4px 4px 4px  
4px #410296 }
```

Background

The CSS property to change the background color of an element to Hex 410296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#410296 }
```

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

```
.background{ background-color:#410296 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor