

# Converting Colors

Hex(8410CC)

Have a look what the booklet for  
Hex(8410CC) contains.

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**Color**

**Hex(8410CC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8410CC
RGB	132, 16, 204
RGB Percent	52%, 6%, 80%
CMY	0.4824, 0.9373, 0.2000
CMYK	0.35, 0.92, 0.00, 0.20
HSL	277°, 85%, 43%
HSV	277°, 92%, 80%
XYZ	20.6001, 9.6357, 57.9009
YIQ	72.1160, 8.7880, 83.0600

# Conversions

## Conversions Part 2

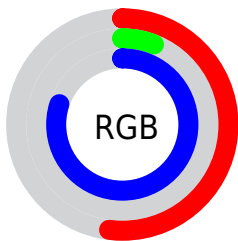
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">132, 16, 204</a>
Decimal	<a href="#">8655052</a>
CIELab	<a href="#">37.18, 71.11, -70.34</a>
CIElCh	<a href="#">37, 100.026, 315.312</a>
Yxy	<a href="#">9.6357, 0.2337, 0.1093</a>
Android (android.graphics.Color)	<a href="#">4286845132 (0xFF8410CC)</a>
YUV	<a href="#">72.1160, 65.0188, 52.5183</a>
Hunter-Lab	<a href="#">31.0415, 64.1354, -88.8630</a>

# Details

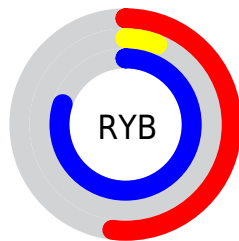
The Hex color **8410CC** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **58CC10**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **BF54FF**, and **480094** is the 20% darker color. If you saturate the color by 10%, you get **7E00CC**, and if you desaturate by 10%, it is **8C24CC**.

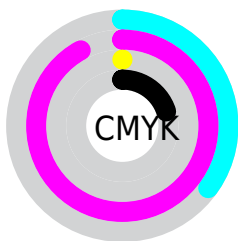
# Distribution



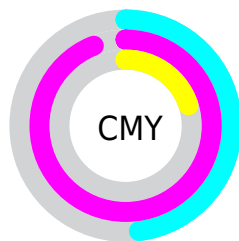
- Red (52%)
- Green (6%)
- Blue (80%)



- Red (52%)
- Yellow (6%)
- Blue (80%)



- Cyan (35%)
- Magenta (92%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (94%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8410CC 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 8410CC by changing the saturation by 10% instead.



 8410CC

 8410CC

FFFFFF

 6600B0

 BF54FF

 480094

 DD70FF

 27007A


 FC8CFF

 000060

 FFA9FF

 000047

 FFC5FF

 00042F

 FFE3FF

 00011A

 000000

 8410CC

 8410CC

 7E00CC

 8C24CC

 9439CC

 9B4DCC

 A362CC

 AB76CC

 B38ACC

 BB9FCC

 C3B3CC

 CAC8CC

# Harmonies

## Analogous

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



0057F9



8410CC



CB0083

# Triad

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



8410CC



8B4500



007381

# Complementary

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



8410CC



58CC10

# 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.



00712A



8410CC



446100

# Square

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



8410CC



BE0000



006D00



0074CC

# Rectangle

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



8410CC



D8004E



006D00



007365



# Sweetspot

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



8410CC



E4B8FF



1058CC



6F5480



000000



808080



# Same Dimension

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



8410CC



9D00FF



CC10B6



625C66



6600A6



180026



# Inverse Universe

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



CC1058



FF0062



10CC26



665C60



A6003F

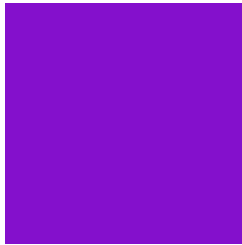


26000F



# Previews

## White Background



This preview shows how the Hex color 8410CC looks on a white background.

## Color Contrast Check

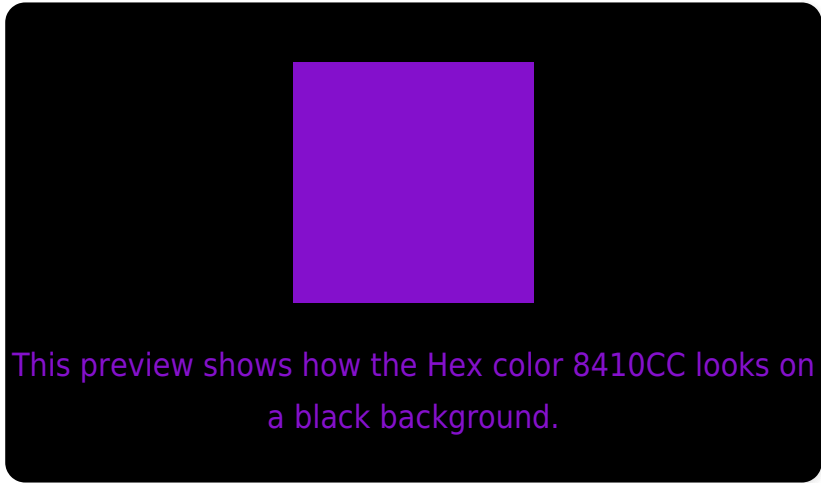
Large Text (above 18pt) WCAG AA ✓ Pass

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

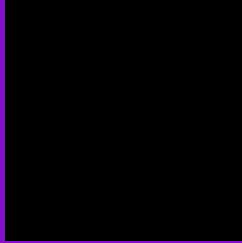
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8410CC Background



This preview shows how black text looks on a background with the Hex color 8410CC.

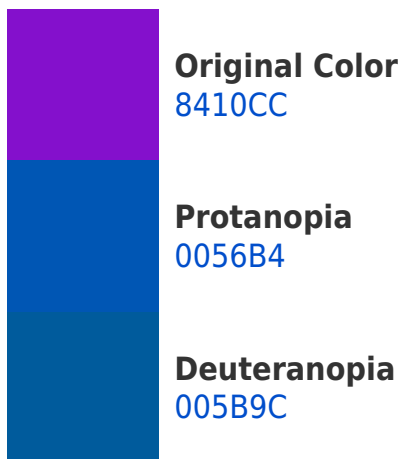


This preview shows how white text looks on a background with the Hex color 8410CC.

# 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





**Tritanopia**  
6E5157

# Trichromacy



**Original Color**  
8410CC



**Protanomaly**  
303DBD



**Deuteranomaly**  
3040AD



**Tritanomaly**  
763982

# Monochromacy



**Original Color**  
8410CC



**Achromatopsia**  
484848



**Achromatomaly**  
5E3478

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8410CC 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 #8410CC looks like.

```
.text, #text, p{  
    color:#8410CC  
}
```

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 #8410CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8410CC
}
```

## Border

The CSS property to change the border of an element to Hex 8410CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

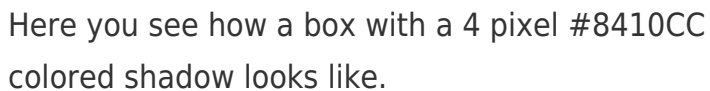
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8410CC }
```

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

```
.border{ border-color:#8410CC }
```

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



Here you see how a box with a 4 pixel #8410CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8410CC; -webkit-box-shadow:4px 4px  
4px 4px #8410CC; box-shadow:4px 4px 4px  
4px #8410CC }
```

# Background

The CSS property to change the background color of an element to Hex 8410CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8410CC }
```

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

```
.background{ background-color:#8410CC }
```

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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