

# Converting Colors

Hex(410C95)

Have a look what the booklet for  
Hex(410C95) contains.

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# Color

**Hex(410C95)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	410C95
RGB	65, 12, 149
RGB Percent	25%, 5%, 58%
CMY	0.7451, 0.9529, 0.4157
CMYK	0.56, 0.92, 0.00, 0.42
HSL	263°, 85%, 32%
HSV	263°, 92%, 58%
XYZ	7.7363, 3.5567, 28.7125
YIQ	43.4650, -12.3890, 53.8430

# Conversions

## Conversions Part 2

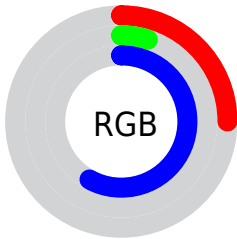
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	65, 12, 149
Decimal	4263061
CIE Lab	22.15, 52.26, -62.48
CIE LCh	22, 81.452, 309.908
Yxy	3.5567, 0.1934, 0.0889
Android (android.graphics.Color)	4282453141 (0xFF410C95)
YUV	43.4650, 52.0288, 18.8862
Hunter-Lab	18.8592, 40.2193, -77.0658

# Details

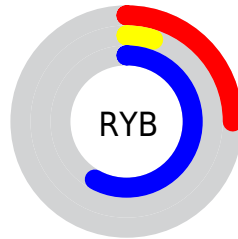
The Hex color **410C95** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **60950C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7B43CC**, and **000061** is the 20% darker color. If you saturate the color by 10%, you get **3A0095**, and if you desaturate by 10%, it is **4A1B95**.

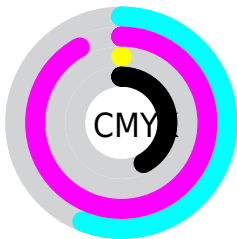
# Distribution



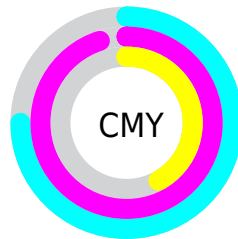
- Red (25%)
- Green (5%)
- Blue (58%)



- Red (25%)
- Yellow (5%)
- Blue (58%)



- Cyan (56%)
- Magenta (92%)
- Yellow (0%)
- Black (42%)



- Cyan (75%)
- Magenta (95%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 410C95 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 410C95 by changing the saturation by 10% instead.



410C95

410C95

FFFFFF

20007A

7B43CC

000061

985CE9

000048

B577FF

000430

D291FF

00011B

F0ADFF

000000

FFC8FF

FFE5FF

410C95

410C95

■ 3A0095

■ 4A1B95

■ 532A95

■ 5C3995

■ 664895

■ 6F5695

■ 786595

■ 817495

■ 8A8395

■ 939295

# Harmonies

## Analogous

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



003AB2



410C95



850060

# Triad

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



410C95



622000



004949

# Complementary

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



410C95



60950C

# 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.



004702



410C95



303A00

# Square

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



410C95



850000



004300



004A84

# Rectangle

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



410C95



930038



004300



004833



# Sweetspot

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



410C95



A18CC2



0C6095



4D4061



E0E0E0



616161



# Same Dimension

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



410C95



4B00C2



850C95



45434A



35008A



04000A



# Inverse Universe

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



950C60



C20077



1C950C



4A4347



8A0054

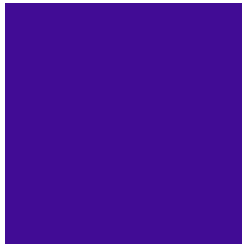


0A0006



# Previews

## White Background



This preview shows how the Hex color 410C95 looks on a white background.

## Color Contrast Check

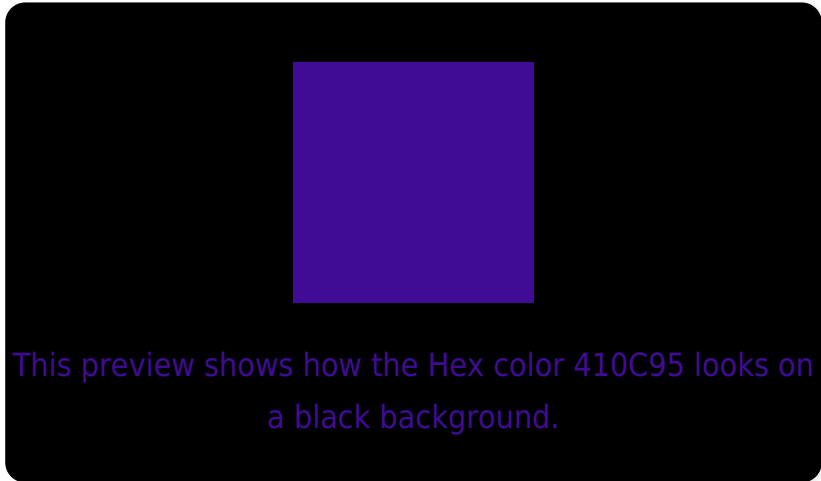
Large Text (above 18pt) WCAG AA ✓ Pass

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

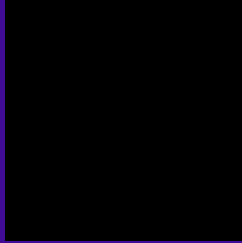
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 410C95 Background



This preview shows how black text looks on a background with the Hex color 410C95.



This preview shows how white text looks on a background with the Hex color 410C95.

# 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**  
410C95

**Protanopia**  
00356F

**Deuteranopia**  
00385F



**Tritanopia**  
213B3F

# Trichromacy



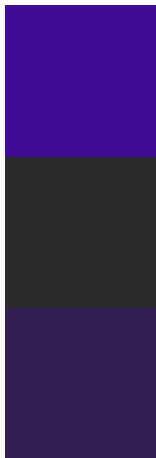
**Original Color**  
410C95

**Protanomaly**  
18267D

**Deuteranomaly**  
182873

**Tritanomaly**  
2D2A5E

# Monochromacy



**Original Color**  
410C95

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
332052

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 410C95 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 #410C95 looks like.

```
.text, #text, p{  
    color:#410C95  
}
```

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 #410C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #410C95
}
```

## Border

The CSS property to change the border of an element to Hex 410C95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

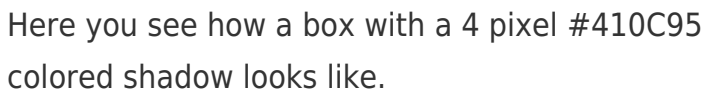
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#410C95 }
```

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

```
.border{ border-color:#410C95 }
```

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



Here you see how a box with a 4 pixel #410C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #410C95; -webkit-box-shadow:4px 4px  
4px 4px #410C95; box-shadow:4px 4px 4px  
4px #410C95 }
```

# Background

The CSS property to change the background color of an element to Hex 410C95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#410C95 }
```

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

```
.background{ background-color:#410C95 }
```

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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