

# Converting Colors

Hex(411B4E)

Have a look what the booklet for  
Hex(411B4E) contains.

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# Color

**Hex(411B4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	411B4E
RGB	65, 27, 78
RGB Percent	25%, 11%, 31%
CMY	0.7451, 0.8941, 0.6941
CMYK	0.17, 0.65, 0.00, 0.69
HSL	285°, 49%, 21%
HSV	285°, 65%, 31%
XYZ	3.9471, 2.4577, 7.4741
YIQ	44.1760, 6.2770, 23.9170

# Conversions

## Conversions Part 2

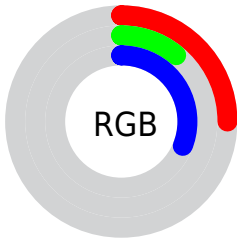
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 27, 78
Decimal	4266830
CIELab	17.73, 27.77, -23.74
CIElCh	18, 36.538, 319.477
Yxy	2.4577, 0.2844, 0.1771
Android (android.graphics.Color)	4282456910 (0xFF411B4E)
YUV	44.1760, 16.6752, 18.2626
Hunter-Lab	15.6772, 17.5059, -17.2924

# Details

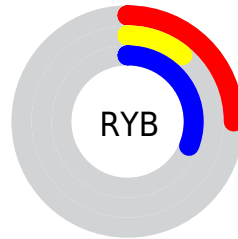
The Hex color **411B4E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **284E1B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **73497F**, and **140021** is the 20% darker color. If you saturate the color by 10%, you get **3F134E**, and if you desaturate by 10%, it is **43234E**.

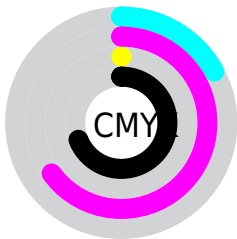
# Distribution



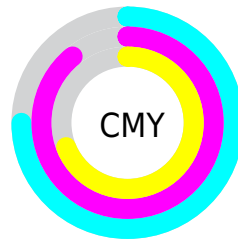
- Red (25%)
- Green (11%)
- Blue (31%)



- Red (25%)
- Yellow (11%)
- Blue (31%)



- Cyan (17%)
- Magenta (65%)
- Yellow (0%)
- Black (69%)



- Cyan (75%)
- Magenta (89%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 411B4E 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 411B4E by changing the saturation by 10% instead.



■ 411B4E

■ 411B4E

FFFFFF

■ 2A0537

■ 73497F

■ 140021

■ 8D619A

■ 000006

■ A87BB4

■ 000000

■ C395D0

■ DFB0EC

■ FCCBFF

■ FFE8FF

■ 411B4E

■ 411B4E

■ 3F134E

■ 43234E

■ 3D0B4E

■ 452B4E

■ 3B044E

■ 47324E

■ 3A004E

■ 493A4E

■ 4B424E

■ 4D4A4E

■ 4F524E

■ 51594E

■ 53614E

# Harmonies

## Analogous

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



0F295E



411B4E



550C36

# Triad

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



411B4E



3E2700



00373C

# Complementary

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



411B4E



284E1B

# 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.



003621



411B4E



272F00

# Square

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



411B4E



501A00



003402



003653

# Rectangle

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



411B4E



590A24



003402



003733



# Sweetspot

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



411B4E



615266



1B294E



302733



B3B3B3



333333



# Same Dimension

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



411B4E



521666



4E1B42



252226



4C0066



AB00E6



# Inverse Universe

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



4E1B28



66162B



1B4E27



262223



66001A

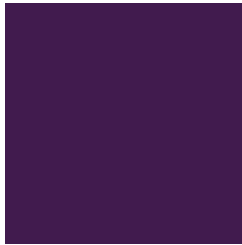


E6003B



# Previews

## White Background



This preview shows how the Hex color 411B4E looks on a white background.

## Color Contrast Check

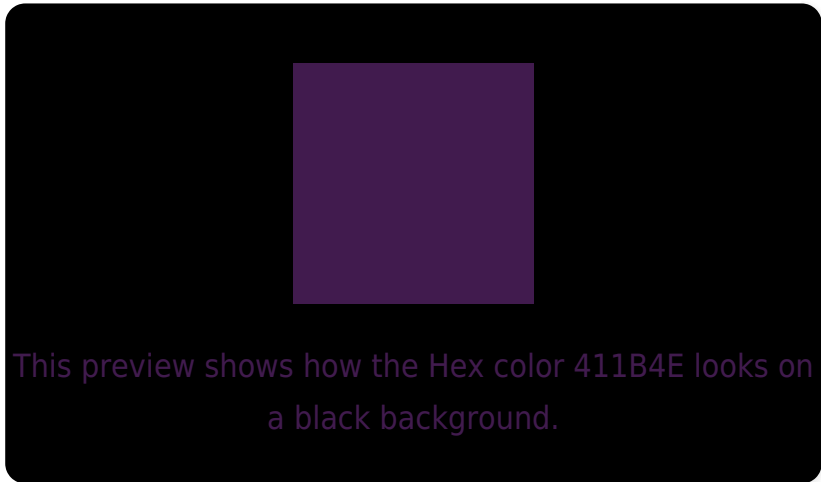
Large Text (above 18pt) WCAG AA ✓ Pass

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

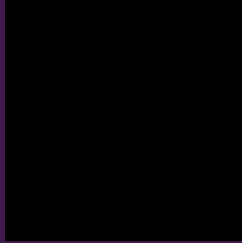
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 411B4E Background



This preview shows how black text looks on a background with the Hex color 411B4E.



This preview shows how white text looks on a background with the Hex color 411B4E.

# 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](#).

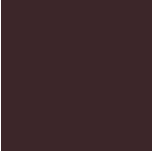
## Dichromacy



**Original Color**  
411B4E

**Protanopia**  
002B5B

**Deuteranopia**  
172D4B



**Tritanopia**  
3C2629

# Trichromacy



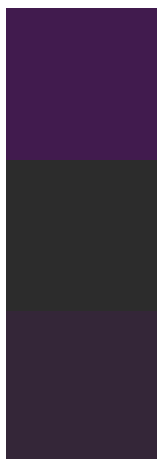
**Original Color**  
411B4E

**Protanomaly**  
182556

**Deuteranomaly**  
26264C

**Tritanomaly**  
3E2236

# Monochromacy



**Original Color**  
411B4E

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
342638

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 411B4E 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 #411B4E looks like.

```
.text, #text, p{  
    color:#411B4E  
}
```

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 #411B4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #411B4E
}
```

## Border

The CSS property to change the border of an element to Hex 411B4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

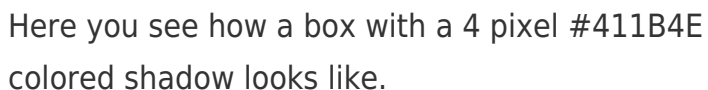
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#411B4E }
```

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

```
.border{ border-color:#411B4E }
```

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



Here you see how a box with a 4 pixel #411B4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #411B4E; -webkit-box-shadow:4px 4px  
4px 4px #411B4E; box-shadow:4px 4px 4px  
4px #411B4E }
```

# Background

The CSS property to change the background color of an element to Hex 411B4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#411B4E }
```

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

```
.background{ background-color:#411B4E }
```

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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