

Converting Colors

Hex(461833)

Have a look what the booklet for
Hex(461833) contains.

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Color

Hex(461833)

Conversions

Conversions Part 1

Format	Color
Hex	461833
RGB	70, 24, 51
RGB Percent	27%, 9%, 20%
CMY	0.7255, 0.9059, 0.8000
CMYK	0.00, 0.66, 0.27, 0.73
HSL	325°, 49%, 18%
HSV	325°, 66%, 27%
XYZ	3.4500, 2.1944, 3.3737
YIQ	40.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

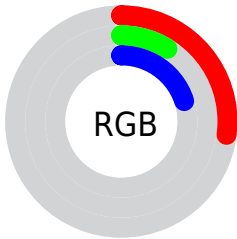
Format	Color
R_{YB}	70, 24, 51
Decimal	4593715
CIE Lab	16.48, 25.57, -6.82
CIE LCh	16, 26.462, 345.056
Yxy	2.1944, 0.3826, 0.2433
Android (android.graphics.Color)	4282783795 (0xFF461833)
YUV	40.8320, 5.0128, 25.5803
Hunter-Lab	14.8134, 15.6481, -3.1336

Details

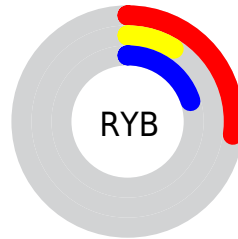
The Hex color **461833** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **18462B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **784661**, and **160002** is the 20% darker color. If you saturate the color by 10%, you get **461130**, and if you desaturate by 10%, it is **461F36**.

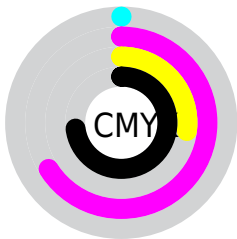
Distribution



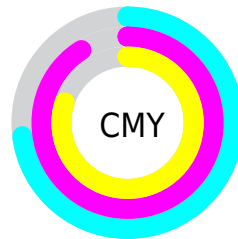
- Red (27%)
- Green (9%)
- Blue (20%)



- Red (27%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (66%)
- Yellow (27%)
- Black (73%)



- Cyan (73%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461833 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 461833 by changing the saturation by 10% instead.

461833

461833

FFFFFF

2E021E

784661

160002

925E7A

000000

AE7794

C991AF

E6ACCA

FFC8E6

FFE4FF

461833

461833

■ 461130

■ 461F36

■ 460A2D

■ 462639

■ 46032A

■ 462D3C

■ 460029

■ 46343F

■ 463B41

■ 464244

■ 464947

■ 46504A

■ 46574D

Harmonies

Analogous

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



361F44



461833



4B1720

Triad

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



461833



2A2B00



003143

Complementary

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



461833



18462B

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.



003232



461833



142F0B

Square

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



461833



3B2400



00311E



002E4D

Rectangle

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



461833



491A14



00311E



00313E

Sweetspot

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



461833



5C4954



2A1846



2E2329



ADADAD



2E2E2E

Same Dimension

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



461833



5C133E



46181D



242022



63003A



E30085

Inverse Universe

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



461833



5C133E



184641



242022



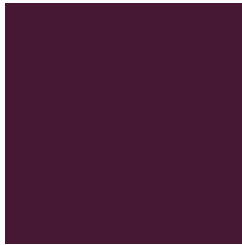
63003A



E30085

Previews

White Background



This preview shows how the Hex color 461833 looks on a white background.

Color Contrast Check

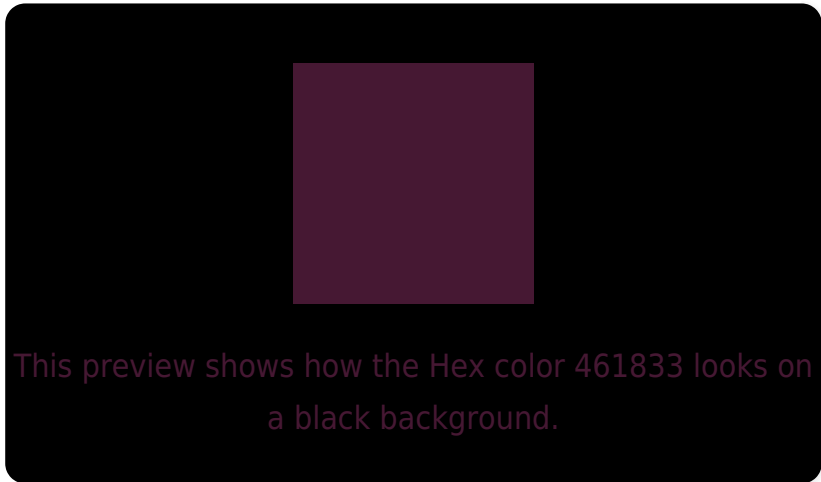
Large Text (above 18pt) WCAG AA ✓ Pass

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

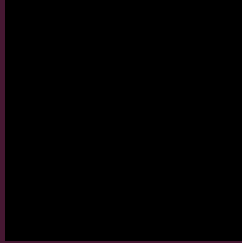
Any Text WCAG AA × Fail

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 461833 Background



This preview shows how black text looks on a background with the Hex color 461833.



This preview shows how white text looks on a background with the Hex color 461833.

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](#).

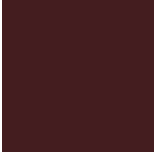
Dichromacy



Original Color
461833

Protanopia
222940

Deuteranopia
2B2931



Tritanopia
441D1F

Trichromacy



Original Color
461833

Protanomaly
2F233B

Deuteranomaly
352332

Tritanomaly
451B26

Monochromacy



Original Color
461833

Achromatopsia
292929

Achromatomaly
34232D

CSS Examples

Text

The CSS property to change the color of the text to Hex 461833 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 #461833 looks like.

```
.text, #text, p{  
    color:#461833  
}
```

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 #461833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461833
}
```

Border

The CSS property to change the border of an element to Hex 461833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

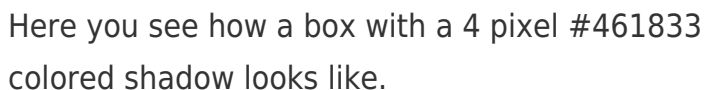
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#461833 }
```

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

```
.border{ border-color:#461833 }
```

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



Here you see how a box with a 4 pixel #461833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461833; -webkit-box-shadow:4px 4px  
4px 4px #461833; box-shadow:4px 4px 4px  
4px #461833 }
```

Background

The CSS property to change the background color of an element to Hex 461833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461833 }
```

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

```
.background{ background-color:#461833 }
```

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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