

Converting Colors

Hex(461C33)

Have a look what the booklet for
Hex(461C33) contains.

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Color

Hex(461C33)

Conversions

Conversions Part 1

Format	Color
Hex	461C33
RGB	70, 28, 51
RGB Percent	27%, 11%, 20%
CMY	0.7255, 0.8902, 0.8000
CMYK	0.00, 0.60, 0.27, 0.73
HSL	327°, 43%, 19%
HSV	327°, 60%, 27%
XYZ	3.5386, 2.3716, 3.4032
YIQ	43.1800, 17.6490, 16.0570

Conversions

Conversions Part 2

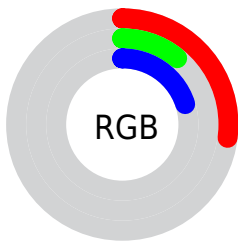
Format	Color
R_{YB}	70, 28, 51
Decimal	4594739
CIE _{Lab}	17.33, 23.30, -5.54
CIE _{LCh}	17, 23.950, 346.630
Yxy	2.3716, 0.3799, 0.2546
Android (android.graphics.Color)	4282784819 (0xFF461C33)
YUV	43.1800, 3.8553, 23.5211
Hunter-Lab	15.4000, 14.0652, -2.3224




Details

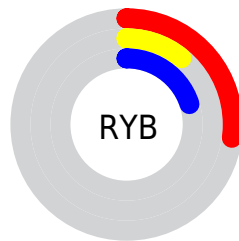
The Hex color **461C33** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1C462F**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **784A61**, and **180003** is the 20% darker color. If you saturate the color by 10%, you get **461530**, and if you desaturate by 10%, it is **462336**.

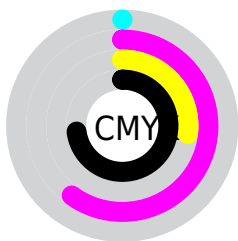
Distribution







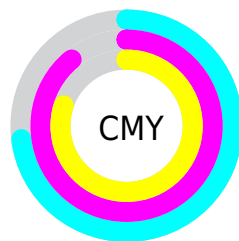
-  Red (27%)
-  Green (11%)
-  Blue (20%)






-  Red (27%)
-  Yellow (11%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (60%)
-  Yellow (27%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (89%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461C33 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 461C33 by changing the saturation by 10% instead.

■ 461C33

■ 461C33

FFFFFF

■ 2E061E

■ 784A61

■ 180003

■ 92627A

■ 000000

■ AD7B94

■ C995AE

■ E5B0CA

■ FFCCE6

■ FFE8FF

■ 461C33

■ 461C33

■ 461530

■ 462336

■ 460E2D

■ 462A39

■ 460729

■ 46313D

■ 460026

■ 463840

■ 463F43

■ 464646

■ 464D49

■ 46544C

■ 465B50

Harmonies

Analogous

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



382242



461C33



4A1B22

Triad

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



461C33



2B2D04



003243

Complementary

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



461C33



1C462F

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.



003334



461C33



173012

Square

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



461C33



3B2705



003222



002F4C

Rectangle

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



461C33



481E17



003222



00323F

Sweetspot

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



461C33



5C4B54



2F1C46



2E2429



ADADAD



2E2E2E

Same Dimension

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



461C33



5C1A3E



461C1E



242022



630036



E3007C

Inverse Universe

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



461C33



5C1A3E



1C4644



242022



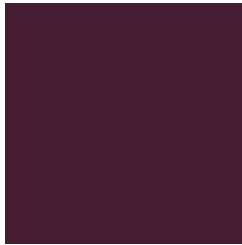
630036



E3007C

Previews

White Background



This preview shows how the Hex color 461C33 looks on a white background.

Color Contrast Check

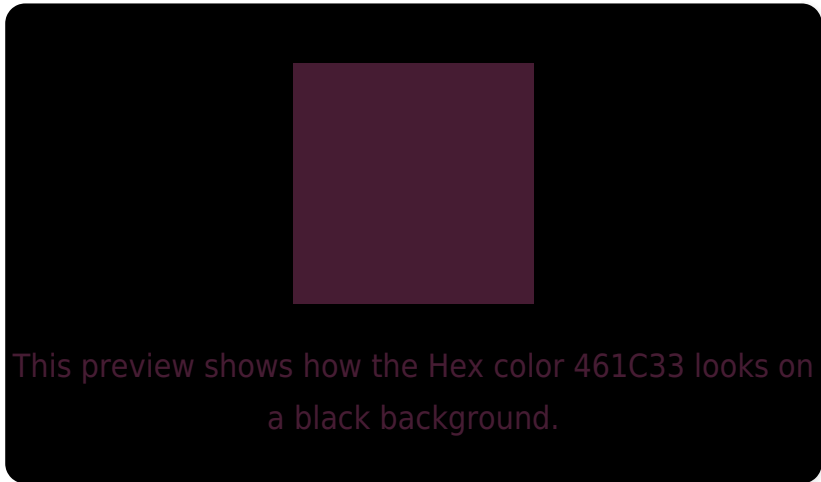
Large Text (above 18pt) WCAG AA ✓ Pass

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

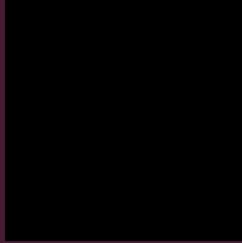
Any Text WCAG AA × Fail

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 461C33 Background



This preview shows how black text looks on a background with the Hex color 461C33.



This preview shows how white text looks on a background with the Hex color 461C33.

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
461C33

Protanopia
262B3E

Deuteranopia
2D2A31

Trichromacy



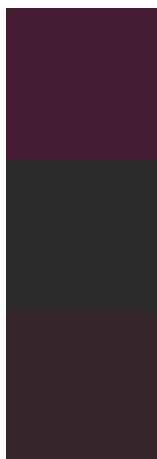
Original Color
461C33

Protanomaly
32263A

Deuteranomaly
362532

Tritanomaly
451F28

Monochromacy



Original Color
461C33

Achromatopsia
2B2B2B

Achromatomaly
35262E

CSS Examples

Text

The CSS property to change the color of the text to Hex 461C33 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 #461C33 looks like.

```
.text, #text, p{  
    color:#461C33  
}
```

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 #461C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461C33
}
```

Border

The CSS property to change the border of an element to Hex 461C33 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".

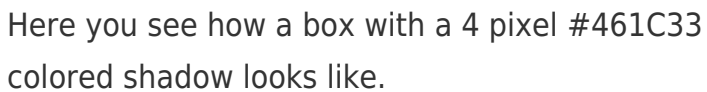
```
.border, #border, table{ border:4px solid
#461C33 }
```

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

```
.border{ border-color:#461C33 }
```

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

Here you see how a box with a 4 pixel #461C33 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461C33; -webkit-box-shadow:4px 4px  
4px 4px #461C33; box-shadow:4px 4px 4px  
4px #461C33 }
```

Background

The CSS property to change the background color of an element to Hex 461C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461C33 }
```

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

```
.background{ background-color:#461C33 }
```

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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