

Converting Colors

Hex(461B00)

Have a look what the booklet for
Hex(461B00) contains.

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Color

Hex(461B00)

Conversions

Conversions Part 1

Format	Color
Hex	461B00
RGB	70, 27, 0
RGB Percent	27%, 11%, 0%
CMY	0.7255, 0.8941, 1.0000
CMYK	0.00, 0.61, 1.00, 0.73
HSL	23°, 100%, 14%
HSV	23°, 100%, 27%
XYZ	2.9177, 2.0860, 0.2488
YIQ	36.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

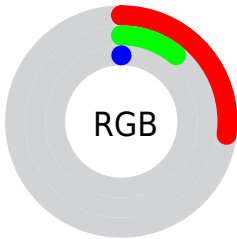
Format	Color
RYB	70, 44, 0
Decimal	4594432
CIELab	15.93, 18.92, 23.91
CIElCh	16, 30.489, 51.647
Yxy	2.0860, 0.5555, 0.3971
Android (android.graphics.Color)	4282784512 (0xFF461B00)
YUV	36.7790, -18.1320, 29.1348
Hunter-Lab	14.4428, 10.7853, 9.0884

Details

The Hex color **461B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **002B46**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **7A482F**, and **040000** is the 20% darker color. If you saturate the color by 10%, you get **461B00**, and if you desaturate by 10%, it is **461F07**.

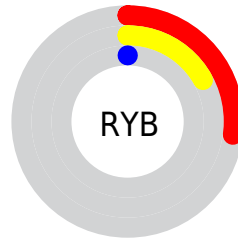
Distribution



Red (27%)

Green (11%)

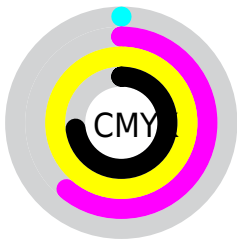
Blue (0%)



Red (27%)

Yellow (17%)

Blue (0%)

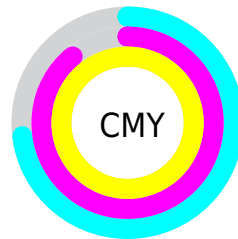


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461B00 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 461B00 by changing the saturation by 10% instead.

 461B00

 461B00

 FFFFE2

 2D0500

 7A482F

 040000

 966046

 000000

 B2795E

 CE9376

 EBAD90

 FFC9AB

 FFE5C6

 461B00

■ 461F07

■ 46240E

■ 462815

■ 462C1C

■ 463123

■ 46352A

■ 463931

■ 463D38

■ 46423F

Harmonies

Analogous

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



4D1219



461B00



372400

Triad

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



461B00



003121



192550

Complementary

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



461B00



002B46

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.



002C53



461B00



003137

Square

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



461B00



042F09



003049



3B1A43

Rectangle

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



461B00



2B2900



003049



002752

Sweetspot

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



461B00



5C4B40



46002B



2E241D



ADADAD



2E2E2E

Same Dimension

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



461B00



5C2300



463E00



242220



632600



E35800

Inverse Universe

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



002B46



00385C



000846



202224



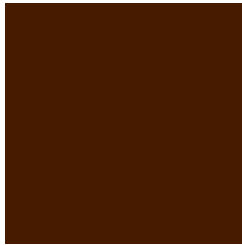
003D63



008BE3

Previews

White Background



This preview shows how the Hex color 461B00 looks on a white background.

Color Contrast Check

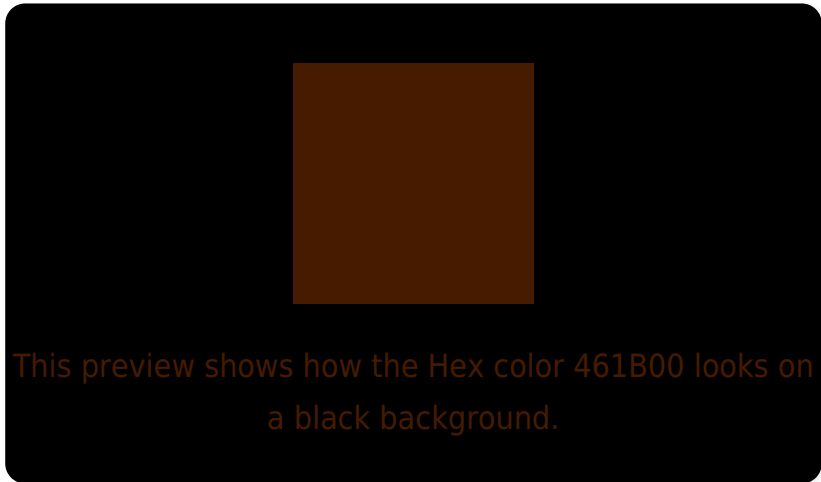
Large Text (above 18pt) WCAG AA ✓ Pass

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

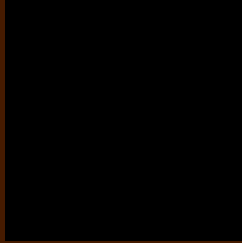
Any Text WCAG AA × Fail

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 461B00 Background



This preview shows how black text looks on a background with the Hex color 461B00.



This preview shows how white text looks on a background with the Hex color 461B00.

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
461B00

Protanopia
2E2907

Tritanopia
47191B

Trichromacy



Original Color
461B00

Protanomaly
372404

Tritanomaly
471A11

Monochromacy



Original Color
461B00

Achromatopsia
252525

Achromatomaly
312118

CSS Examples

Text

The CSS property to change the color of the text to Hex 461B00 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 #461B00 looks like.

```
.text, #text, p{  
    color:#461B00  
}
```

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 #461B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461B00
}
```

Border

The CSS property to change the border of an element to Hex 461B00 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".

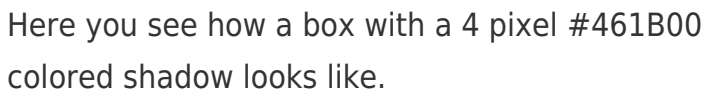
```
.border, #border, table{ border:4px solid
#461B00 }
```

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

```
.border{ border-color:#461B00 }
```

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

Here you see how a box with a 4 pixel #461B00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461B00; -webkit-box-shadow:4px 4px  
4px 4px #461B00; box-shadow:4px 4px 4px  
4px #461B00 }
```

Background

The CSS property to change the background color of an element to Hex 461B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461B00 }
```

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

```
.background{ background-color:#461B00 }
```

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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