

Converting Colors

Hex(461639)

Have a look what the booklet for
Hex(461639) contains.

Hex(461639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(461639)

Conversions

Conversions Part 1

Format	Color
Hex	461639
RGB	70, 22, 57
RGB Percent	27%, 9%, 22%
CMY	0.7255, 0.9137, 0.7765
CMYK	0.00, 0.69, 0.19, 0.73
HSL	316°, 52%, 18%
HSV	316°, 69%, 27%
XYZ	3.5512, 2.1713, 4.1028
YIQ	40.3420, 17.3730, 21.0610

Conversions

Conversions Part 2

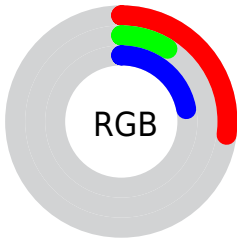
Format	Color
R_{YB}	70, 22, 57
Decimal	4593209
CIE _{Lab}	16.36, 27.66, -11.25
CIE _{LCh}	16, 29.865, 337.861
Yxy	2.1713, 0.3614, 0.2210
Android (android.graphics.Color)	4282783289 (0xFF461639)
YUV	40.3420, 8.2124, 26.0101
Hunter-Lab	14.7354, 17.2314, -6.1936




Details

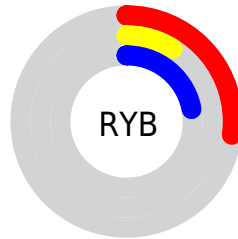
The Hex color **461639** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **164623**, and the grayscale version is **282828**.




A 20% lighter version of the original color is **784468**, and **15000C** is the 20% darker color. If you saturate the color by 10%, you get **460F37**, and if you desaturate by 10%, it is **461D3B**.

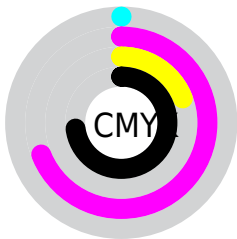
Distribution







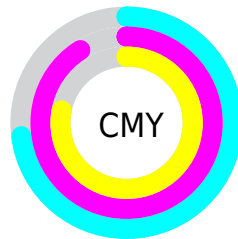
-  Red (27%)
-  Green (9%)
-  Blue (22%)






-  Red (27%)
-  Yellow (9%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (69%)
-  Yellow (19%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (91%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461639 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 461639 by changing the saturation by 10% instead.



461639



461639

FFFFFF



2E0023



784468



15000C



925D81



000000



AE769B



C990B6



E6ABD2



FFC6EE



FFE3FF



461639



461639

■ 460F37

■ 461D3B

■ 460835

■ 46243D

■ 460133

■ 462B3F

■ 460033

■ 463241

■ 463942

■ 464044

■ 464746

■ 464E48

■ 46554A

Harmonies

Analogous

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



30204A



461639



4E1224

Triad

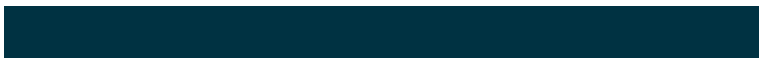
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



461639



2E2900



003242

Complementary

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



461639



164623

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.



00322E



461639



172E00

Square

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



461639



402100



003118



002F50

Rectangle

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



461639



4D1516



003118



00323C

Sweetspot

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



461639



5C4957



231646



2E222B



ADADAD



2E2E2E

Same Dimension

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



461639



5C1147



461621



242023



630049



E300A5

Inverse Universe

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



461639



5C1147



16463B



242023



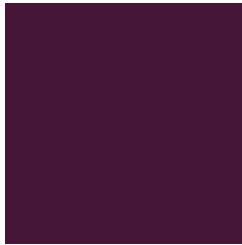
630049



E300A5

Previews

White Background



This preview shows how the Hex color 461639 looks on a white background.

Color Contrast Check

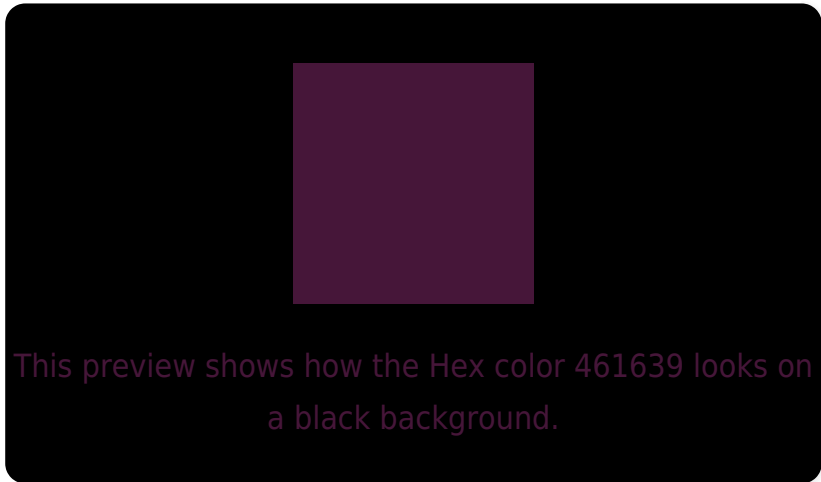
Large Text (above 18pt) WCAG AA ✓ Pass

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

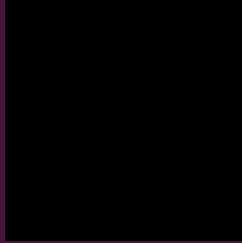
Any Text WCAG AA × Fail

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 461639 Background



This preview shows how black text looks on a background with the Hex color 461639.



This preview shows how white text looks on a background with the Hex color 461639.

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
461639

Protanopia
1C2948

Deuteranopia
272936



Tritanopia
441D1F

Trichromacy



Original Color
461639

Protanomaly
2B2243

Deuteranomaly
322237

Tritanomaly
451A28

Monochromacy



Original Color
461639

Achromatopsia
282828

Achromatomaly
33212E

CSS Examples

Text

The CSS property to change the color of the text to Hex 461639 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 #461639 looks like.

```
.text, #text, p{  
    color:#461639  
}
```

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 #461639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461639
}
```

Border

The CSS property to change the border of an element to Hex 461639 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".

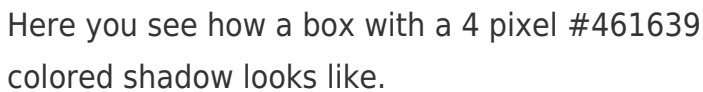
```
.border, #border, table{ border:4px solid
#461639 }
```

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

```
.border{ border-color:#461639 }
```

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

Here you see how a box with a 4 pixel #461639 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461639; -webkit-box-shadow:4px 4px  
4px 4px #461639; box-shadow:4px 4px 4px  
4px #461639 }
```

Background

The CSS property to change the background color of an element to Hex 461639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461639 }
```

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

```
.background{ background-color:#461639 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor