

Converting Colors

Hex(461D46)

Have a look what the booklet for
Hex(461D46) contains.

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Color

Hex(461D46)

Conversions

Conversions Part 1

Format	Color
Hex	461D46
RGB	70, 29, 70
RGB Percent	27%, 11%, 27%
CMY	0.7255, 0.8863, 0.7255
CMYK	0.00, 0.59, 0.00, 0.73
HSL	300°, 41%, 19%
HSV	300°, 59%, 27%
XYZ	4.0706, 2.6230, 6.0861
YIQ	45.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

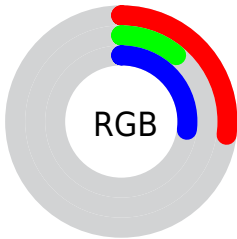
Format	Color
RYB	70, 29, 70
Decimal	4595014
CIELab	18.47, 26.37, -17.05
CIELCh	18, 31.404, 327.126
Yxy	2.6230, 0.3185, 0.2052
Android (android.graphics.Color)	4282785094 (0xFF461D46)
YUV	45.9330, 11.8650, 21.1068
Hunter-Lab	16.1957, 16.5217, -10.9432

Details

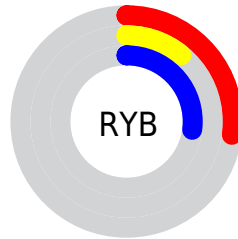
The Hex color **461D46** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1D461D**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **784B77**, and **1A001B** is the 20% darker color. If you saturate the color by 10%, you get **461646**, and if you desaturate by 10%, it is **462446**.

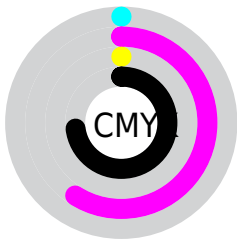
Distribution



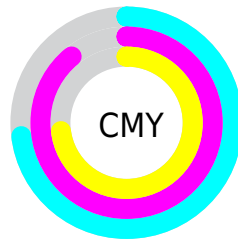
- Red (27%)
- Green (11%)
- Blue (27%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (0%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 461D46 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 461D46 by changing the saturation by 10% instead.

■ 461D46

■ 461D46

FFFFFF

■ 2F062F

■ 784B77

■ 1A001B

■ 926490

■ 000000

■ AD7DAB

■ C997C6

■ E5B2E2

■ FFCEFF

■ FFEAFF

■ 461D46

■ 461D46

■ 461646

■ 462446

■ 460F46

■ 462B46

■ 460846

■ 463246

■ 460146

■ 463946

■ 460046

■ 464046

■ 464746

■ 464E46

■ 465546

■ 465C46

Harmonies

Analogous

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



282856



461D46



541530

Triad

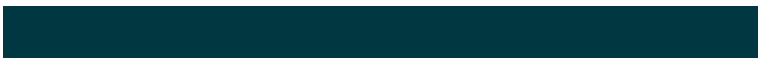
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



461D46



3A2B00



003741

Complementary

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



461D46



1D461D

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.



00372A



461D46



243200

Square

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



461D46



4B2202



003513



003553

Rectangle

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



461D46



551621



003513



00373A

Sweetspot

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



461D46



5C4B5C



1D1D46



2E242E



ADADAD



2E2E2E

Same Dimension

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



461D46



5C1C5C



461D32



242024



630063



E300E3

Inverse Universe

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



461D46



5C1C5C



1D4632



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 461D46 looks on a white background.

Color Contrast Check

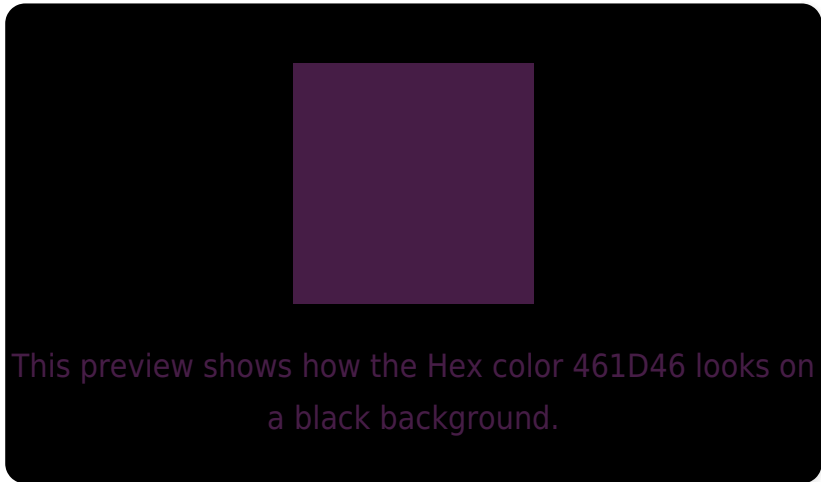
Large Text (above 18pt) WCAG AA ✓ Pass

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

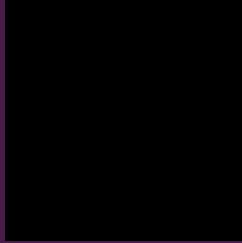
Any Text WCAG AA × Fail

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 461D46 Background



This preview shows how black text looks on a background with the Hex color 461D46.



This preview shows how white text looks on a background with the Hex color 461D46.

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
461D46

Protanopia
1A2D54

Deuteranopia
252E43



Tritanopia
422528

Trichromacy



Original Color
461D46

Protanomaly
2A274F

Deuteranomaly
312844

Tritanomaly
432233

Monochromacy



Original Color
461D46

Achromatopsia
2E2E2E

Achromatomaly
372837

CSS Examples

Text

The CSS property to change the color of the text to Hex 461D46 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 #461D46 looks like.

```
.text, #text, p{  
    color:#461D46  
}
```

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 #461D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461D46
}
```

Border

The CSS property to change the border of an element to Hex 461D46 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".

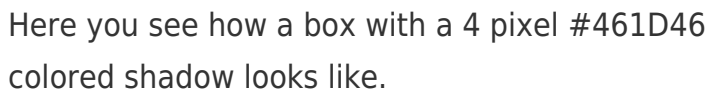
```
.border, #border, table{ border:4px solid
#461D46 }
```

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

```
.border{ border-color:#461D46 }
```

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

Here you see how a box with a 4 pixel #461D46 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. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461D46; -webkit-box-shadow:4px 4px  
4px 4px #461D46; box-shadow:4px 4px 4px  
4px #461D46 }
```

Background

The CSS property to change the background color of an element to Hex 461D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461D46 }
```

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

```
.background{ background-color:#461D46 }
```

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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