

Converting Colors

Hex(461C22)

Have a look what the booklet for
Hex(461C22) contains.

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Color

Hex(461C22)

Conversions

Conversions Part 1

Format	Color
Hex	461C22
RGB	70, 28, 34
RGB Percent	27%, 11%, 13%
CMY	0.7255, 0.8902, 0.8667
CMYK	0.00, 0.60, 0.51, 0.73
HSL	351°, 43%, 19%
HSV	351°, 60%, 27%
XYZ	3.2298, 2.2481, 1.7771
YIQ	41.2420, 23.1060, 10.7700

Conversions

Conversions Part 2

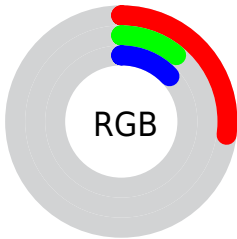
Format	Color
RYB	70, 28, 34
Decimal	4594722
CIELab	16.74, 20.83, 5.71
CIElCh	17, 21.604, 15.338
Yxy	2.2481, 0.4452, 0.3099
Android (android.graphics.Color)	4282784802 (0xFF461C22)
YUV	41.2420, -3.5703, 25.2208
Hunter-Lab	14.9936, 12.2118, 3.4684




Details

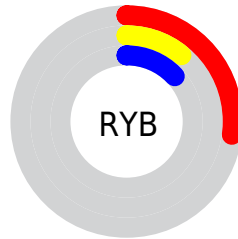
The Hex color **461C22** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1C4640**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **79494E**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **46151C**, and if you desaturate by 10%, it is **462328**.

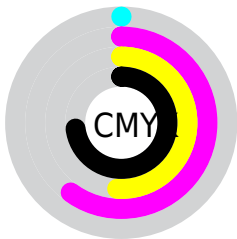
Distribution







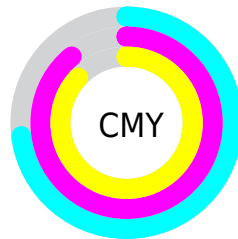
-  Red (27%)
-  Green (11%)
-  Blue (13%)






-  Red (27%)
-  Yellow (11%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (60%)
-  Yellow (51%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (89%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461C22 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 461C22 by changing the saturation by 10% instead.



461C22



461C22

FFFFFF



2E060C



79494E



100000



936166



000000



AE7B7F



CA9599



E7AFB4



FFCBCF



FFE7EB



461C22



461C22

■ 46151C

■ 462328

■ 460E16

■ 462A2E

■ 460710

■ 463134

■ 46000A

■ 46383A

■ 463F40

■ 464646

■ 464D4C

■ 465452

■ 465B58

Harmonies

Analogous

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



421D32



461C22



422014

Triad

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



461C22



192F13



002D47

Complementary

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



461C22



1C4640

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.



00303F



461C22



003021

Square

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



461C22



2B2B08



003131



1D2847

Rectangle

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



461C22



3C240C



003131



002E45

Sweetspot

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



461C22



5C4B4E



401C46



2E2425



ADADAD



2E2E2E

Same Dimension

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



461C22



5C1A23



462B1C



242021



63000E



E30020

Inverse Universe

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



461C22



5C1A23



1C3746



242021



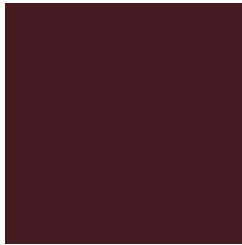
63000E



E30020

Previews

White Background



This preview shows how the Hex color 461C22 looks on a white background.

Color Contrast Check

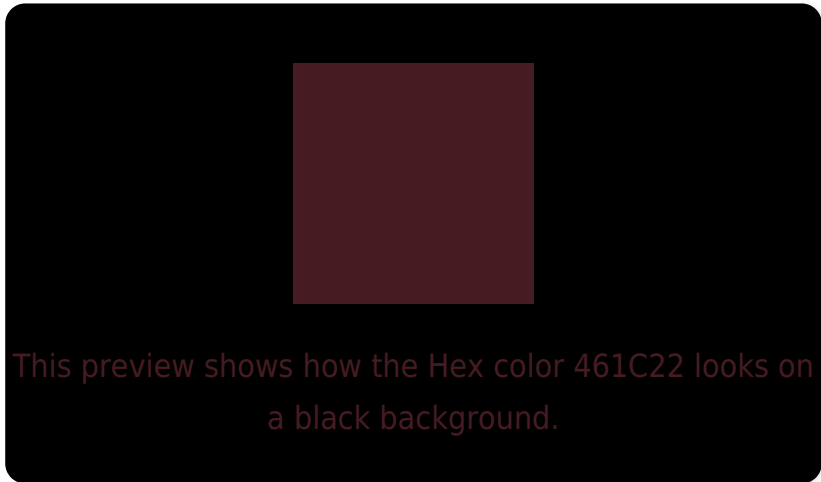
Large Text (above 18pt) WCAG AA ✓ Pass

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

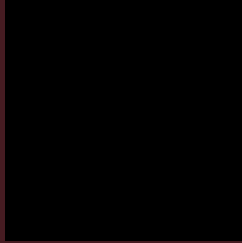
Any Text WCAG AA × Fail

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 461C22 Background



This preview shows how black text looks on a background with the Hex color 461C22.

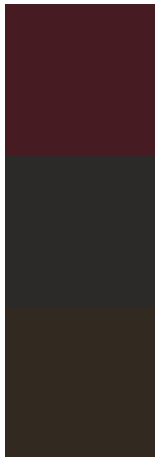


This preview shows how white text looks on a background with the Hex color 461C22.

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
461C22

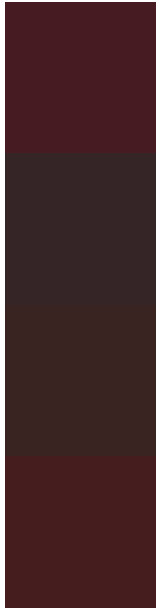
Protanopia
2B2A29

Deuteranopia
322920



Tritanopia
461D1E

Trichromacy



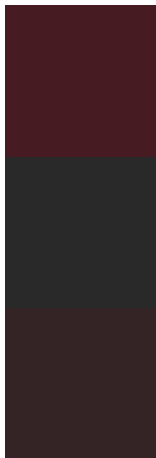
Original Color
461C22

Protanomaly
352526

Deuteranomaly
392421

Tritanomaly
461D1F

Monochromacy



Original Color
461C22

Achromatopsia
292929

Achromatomaly
342426

CSS Examples

Text

The CSS property to change the color of the text to Hex 461C22 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 #461C22 looks like.

```
.text, #text, p{  
    color:#461C22  
}
```

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 #461C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461C22  
}
```

Border

The CSS property to change the border of an element to Hex 461C22 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".

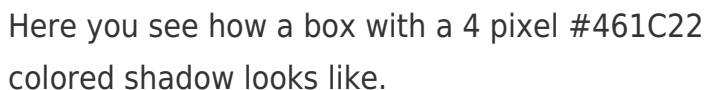
```
.border, #border, table{ border:4px solid  
#461C22 }
```

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

```
.border{ border-color:#461C22 }
```

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

Here you see how a box with a 4 pixel #461C22 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. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461C22; -webkit-box-shadow:4px 4px  
4px 4px #461C22; box-shadow:4px 4px 4px  
4px #461C22 }
```

Background

The CSS property to change the background color of an element to Hex 461C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461C22 }
```

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

```
.background{ background-color:#461C22 }
```

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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