

# Converting Colors

Hex(461A2C)

Have a look what the booklet for  
Hex(461A2C) contains.

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**Color**

**Hex(461A2C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	461A2C
RGB	70, 26, 44
RGB Percent	27%, 10%, 17%
CMY	0.7255, 0.8980, 0.8275
CMYK	0.00, 0.63, 0.37, 0.73
HSL	335°, 46%, 19%
HSV	335°, 63%, 27%
XYZ	3.3498, 2.2227, 2.6353
YIQ	41.2080, 20.4460, 14.9260

# Conversions

## Conversions Part 2

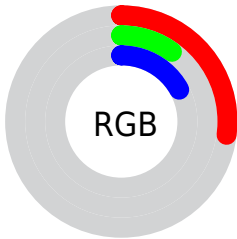
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 26, 44
Decimal	4594220
CIE Lab	16.62, 23.35, -1.62
CIE LCh	17, 23.405, 356.032
Yxy	2.2227, 0.4081, 0.2708
Android (android.graphics.Color)	4282784300 (0xFF461A2C)
YUV	41.2080, 1.3765, 25.2506
Hunter-Lab	14.9088, 14.0160, -0.0442

# Details

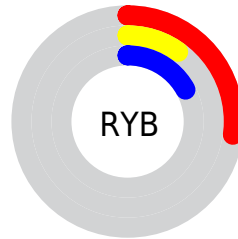
The Hex color **461A2C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1A4634**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **784859**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **461328**, and if you desaturate by 10%, it is **462130**.

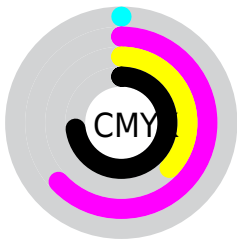
# Distribution



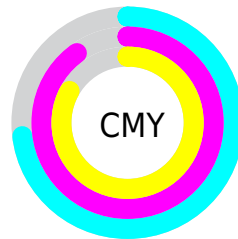
- Red (27%)
- Green (10%)
- Blue (17%)



- Red (27%)
- Yellow (10%)
- Blue (17%)



- Cyan (0%)
- Magenta (63%)
- Yellow (37%)
- Black (73%)



- Cyan (73%)
- Magenta (90%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 461A2C 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 461A2C by changing the saturation by 10% instead.



 461A2C

 461A2C

FFFFFF

 2E0418

 784859

 140000

 936072

 000000

 AE798B

 CA93A6

 E6AEC1

 FFC9DD

 FFE6F9

 461A2C

 461A2C

■ 461328

■ 462130

■ 460C24

■ 462834

■ 460520

■ 462F38

■ 46001D

■ 46363D

■ 463D41

■ 464445

■ 464B49

■ 46524D

■ 465951

# Harmonies

## Analogous

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



3B1F3C



461A2C



471B1B

# Triad

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



461A2C



242C07



002F44

# Complementary

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



461A2C



1A4634

# 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.



003137



461A2C



0E3016

# Square

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



461A2C



342702



003126



002C4A

# Rectangle

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



461A2C



431F11



003126



003041



# Sweetspot

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



461A2C



5C4A51



341A46



2E2328



ADADAD



2E2E2E



# Same Dimension

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



461A2C



5C1733



461E1A



242022



630029



E3005D



# Inverse Universe

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



461A2C



5C1733



1A4246



242022



630029

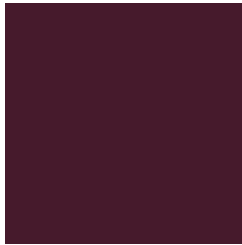


E3005D



# Previews

## White Background



This preview shows how the Hex color 461A2C 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

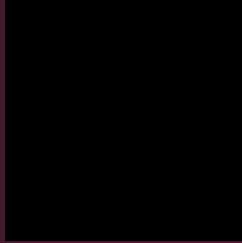
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 461A2C Background



This preview shows how black text looks on a background with the Hex color 461A2C.



This preview shows how white text looks on a background with the Hex color 461A2C.

# 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**  
461A2C

**Protanopia**  
272A36

**Deuteranopia**  
2E292A



**Tritanopia**  
451D1F

# Trichromacy



**Original Color**  
461A2C

**Protanomaly**  
322432

**Deuteranomaly**  
37242B

**Tritanomaly**  
451C24

# Monochromacy



**Original Color**  
461A2C

**Achromatopsia**  
292929

**Achromatomaly**  
34242A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 461A2C 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 #461A2C looks like.

```
.text, #text, p{  
    color:#461A2C  
}
```

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 #461A2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461A2C
}
```

## Border

The CSS property to change the border of an element to Hex 461A2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

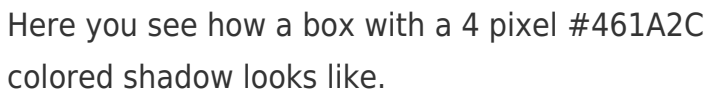
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#461A2C }
```

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

```
.border{ border-color:#461A2C }
```

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



Here you see how a box with a 4 pixel #461A2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461A2C; -webkit-box-shadow:4px 4px  
4px 4px #461A2C; box-shadow:4px 4px 4px  
4px #461A2C }
```

# Background

The CSS property to change the background color of an element to Hex 461A2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461A2C }
```

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

```
.background{ background-color:#461A2C }
```

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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