

Converting Colors

Hex(471A0C)

Have a look what the booklet for
Hex(471A0C) contains.

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Color

Hex(471A0C)

Conversions

Conversions Part 1

Format	Color
Hex	471A0C
RGB	71, 26, 12
RGB Percent	28%, 10%, 5%
CMY	0.7216, 0.8980, 0.9529
CMYK	0.00, 0.63, 0.83, 0.72
HSL	14°, 71%, 16%
HSV	14°, 83%, 28%
XYZ	3.0343, 2.1049, 0.5942
YIQ	37.8590, 31.3140, 5.1860

Conversions

Conversions Part 2

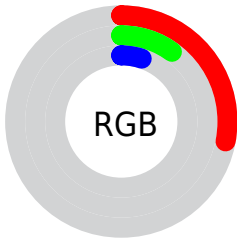
Format	Color
RYB	71, 30, 12
Decimal	4659724
CIELab	16.03, 20.56, 19.14
CIElCh	16, 28.088, 42.945
Yxy	2.1049, 0.5292, 0.3671
Android (android.graphics.Color)	4282849804 (0xFF471A0C)
YUV	37.8590, -12.7485, 29.0647
Hunter-Lab	14.5084, 11.9420, 7.7276

Details

The Hex color **471A0C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C3947**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7B4737**, and **090000** is the 20% darker color. If you saturate the color by 10%, you get **471505**, and if you desaturate by 10%, it is **471F13**.

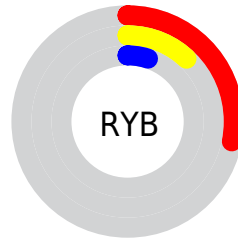
Distribution



Red (28%)

Green (10%)

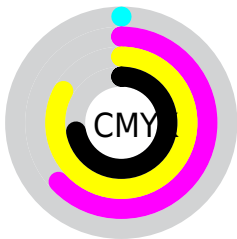
Blue (5%)



Red (28%)

Yellow (12%)

Blue (5%)

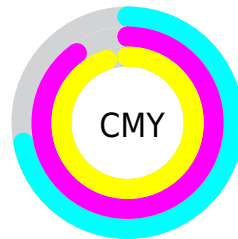


Cyan (0%)

Magenta (63%)

Yellow (83%)

Black (72%)



Cyan (72%)

Magenta (90%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471A0C 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 471A0C by changing the saturation by 10% instead.

 471A0C

 471A0C

 FFFFEC

 2E0400

 7B4737

 090000

 965F4E

 000000

 B27866

 CF927F

 ECAD99

 FFC8B4

 FFE4D0

 471A0C

 471A0C

■ 471505

■ 471F13

■ 471100

■ 47251A

■ 472A21

■ 473028

■ 473530

■ 473A37

■ 47403E

■ 474545

■ 474B4C

Harmonies

Analogous

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



4B1420



471A0C



3C2300

Triad

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



471A0C



00301B



0C274F

Complementary

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



471A0C



0C3947

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.



002D4E



471A0C



003130

Square

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



471A0C



132E05



003043



341E45

Rectangle

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



471A0C



312700



003043



002A50

Sweetspot

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



471A0C



5C4A45



470C39



2E2320



ADADAD



2E2E2E

Same Dimension

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



471A0C



5C1600



47370C



242120



631800



E33600

Inverse Universe

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



0C3947



00465C



0C1C47



202324



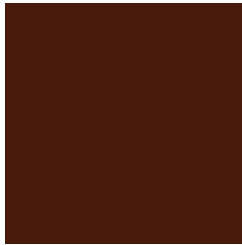
004C63



00ADE3

Previews

White Background



This preview shows how the Hex color 471A0C looks on a white background.

Color Contrast Check

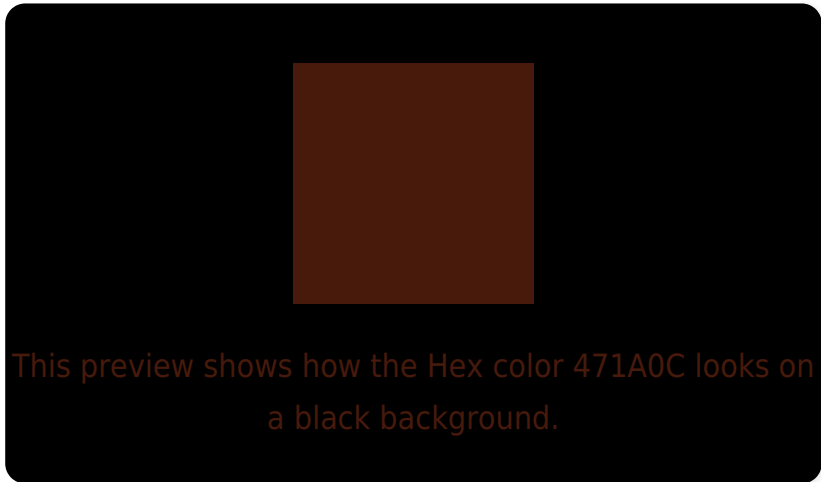
Large Text (above 18pt) WCAG AA ✓ Pass

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

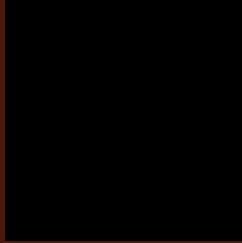
Any Text WCAG AA × Fail

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 471A0C Background



This preview shows how black text looks on a background with the Hex color 471A0C.

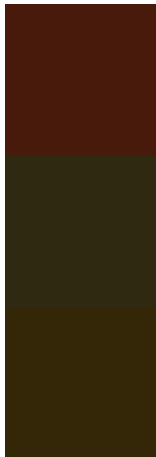


This preview shows how white text looks on a background with the Hex color 471A0C.

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
471A0C

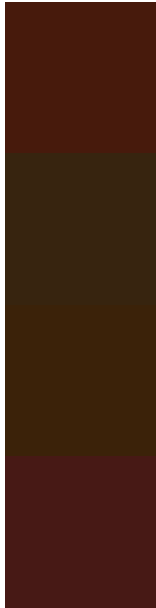
Protanopia
2E2910

Deuteranopia
342707



Tritanopia
47191A

Trichromacy



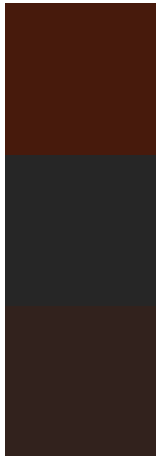
Original Color
471A0C

Protanomaly
37240F

Deuteranomaly
3B2209

Tritanomaly
471915

Monochromacy



Original Color
471A0C

Achromatopsia
262626

Achromatomaly
32221D

CSS Examples

Text

The CSS property to change the color of the text to Hex 471A0C 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 #471A0C looks like.

```
.text, #text, p{  
    color:#471A0C  
}
```

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 #471A0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471A0C
}
```

Border

The CSS property to change the border of an element to Hex 471A0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

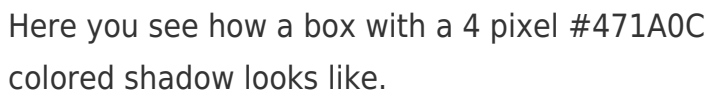
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#471A0C }
```

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

```
.border{ border-color:#471A0C }
```

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



Here you see how a box with a 4 pixel #471A0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471A0C; -webkit-box-shadow:4px 4px  
4px 4px #471A0C; box-shadow:4px 4px 4px  
4px #471A0C }
```

Background

The CSS property to change the background color of an element to Hex 471A0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471A0C }
```

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

```
.background{ background-color:#471A0C }
```

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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