

Converting Colors

Hex(470A00)

Have a look what the booklet for
Hex(470A00) contains.

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Color

Hex(470A00)

Conversions

Conversions Part 1

Format	Color
Hex	470A00
RGB	71, 10, 0
RGB Percent	28%, 4%, 0%
CMY	0.7216, 0.9608, 1.0000
CMYK	0.00, 0.86, 1.00, 0.72
HSL	8°, 100%, 14%
HSV	8°, 100%, 28%
XYZ	2.7071, 1.5567, 0.1578
YIQ	27.0990, 39.5660, 9.8220

Conversions

Conversions Part 2

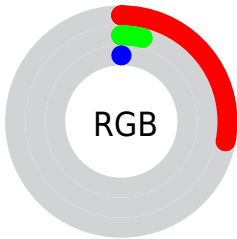
Format	Color
RYB	71, 12, 0
Decimal	4655616
CIELab	12.96, 27.85, 20.09
CIElCh	13, 34.343, 35.811
Yxy	1.5567, 0.6122, 0.3521
Android (android.graphics.Color)	4282845696 (0xFF470A00)
YUV	27.0990, -13.3598, 38.5012
Hunter-Lab	12.4767, 16.8951, 7.9838

Details

The Hex color **470A00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003D47**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **7C3A2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **470A00**, and if you desaturate by 10%, it is **471007**.

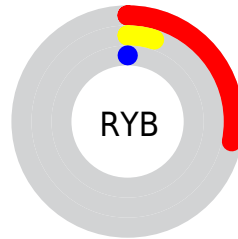
Distribution



Red (28%)

Green (4%)

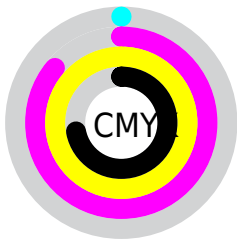
Blue (0%)



Red (28%)

Yellow (5%)

Blue (0%)

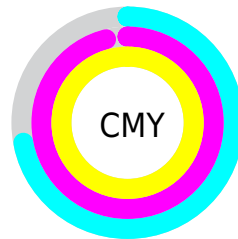


Cyan (0%)

Magenta (86%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (96%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470A00 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 470A00 by changing the saturation by 10% instead.

 470A00

 470A00

 FFF3E2

 2E0000

 7C3A2F

 000000

 985246

 B46B5D

 D18576

 EF9F90

 FFBAAA

 FFD6C6

 470A00

■ 471007

■ 47160E

■ 471C15

■ 47221C

■ 472924

■ 472F2B

■ 473532

■ 473B39

■ 474140

Harmonies

Analogous

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



4A001E



470A00



3A1900

Triad

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



470A00



002A0B



002351

Complementary

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



470A00



003D47

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.



00294D



470A00



002C26

Square

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



470A00



0E2700



002B3D



261949

Rectangle

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



470A00



2E1F00



002B3D



002652

Sweetspot

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



470A00



5C4440



47003E



2E201D



ADADAD



2E2E2E

Same Dimension

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



470A00



5C0D00



472D00



242120



630E00



E32000

Inverse Universe

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



003D47



004F5C



001A47



202324



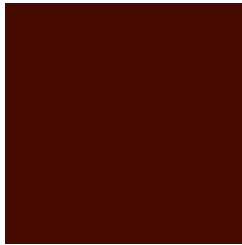
005563



00C3E3

Previews

White Background



This preview shows how the Hex color 470A00 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

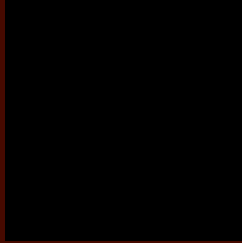
Any Text WCAG AA × Fail

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 470A00 Background



This preview shows how black text looks on a background with the Hex color 470A00.

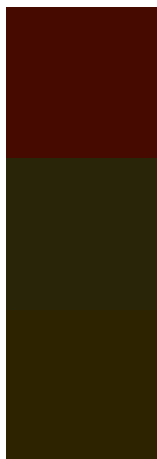


This preview shows how white text looks on a background with the Hex color 470A00.

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
470A00

Protanopia
292509

Deuteranopia
2E2300



Tritanopia
470A08

Trichromacy



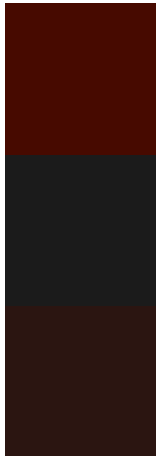
Original Color
470A00

Protanomaly
341B06

Deuteranomaly
371A00

Tritanomaly
470A05

Monochromacy



Original Color
470A00

Achromatopsia
1B1B1B

Achromatomaly
2B1511

CSS Examples

Text

The CSS property to change the color of the text to Hex 470A00 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 #470A00 looks like.

```
.text, #text, p{  
    color:#470A00  
}
```

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 #470A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470A00
}
```

Border

The CSS property to change the border of an element to Hex 470A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

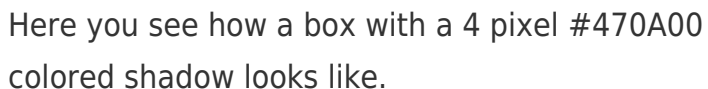
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470A00 }
```

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

```
.border{ border-color:#470A00 }
```

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



Here you see how a box with a 4 pixel #470A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470A00; -webkit-box-shadow:4px 4px  
4px 4px #470A00; box-shadow:4px 4px 4px  
4px #470A00 }
```

Background

The CSS property to change the background color of an element to Hex 470A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470A00 }
```

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

```
.background{ background-color:#470A00 }
```

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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