

Converting Colors

Hex(470700)

Have a look what the booklet for
Hex(470700) contains.

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Color

Hex(470700)

Conversions

Conversions Part 1

Format	Color
Hex	470700
RGB	71, 7, 0
RGB Percent	28%, 3%, 0%
CMY	0.7216, 0.9725, 1.0000
CMYK	0.00, 0.90, 1.00, 0.72
HSL	6°, 100%, 14%
HSV	6°, 100%, 28%
XYZ	2.6745, 1.4916, 0.1469
YIQ	25.3380, 40.3910, 11.3910

Conversions

Conversions Part 2

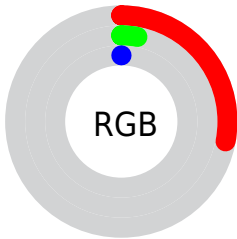
Format	Color
R_{YB}	71, 8, 0
Decimal	4654848
CIE Lab	12.55, 29.00, 19.54
CIE LCh	13, 34.972, 33.975
Yxy	1.4916, 0.6201, 0.3458
Android (android.graphics.Color)	4282844928 (0xFF470700)
YUV	25.3380, -12.4916, 40.0456
Hunter-Lab	12.2129, 17.7172, 7.8357

Details

The Hex color **470700** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **004047**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **7C382F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **470700**, and if you desaturate by 10%, it is **470D07**.

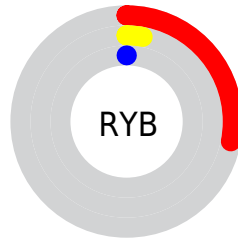
Distribution



Red (28%)

Green (3%)

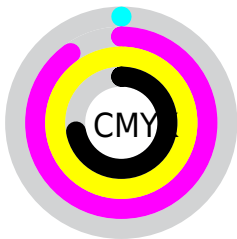
Blue (0%)



Red (28%)

Yellow (3%)

Blue (0%)

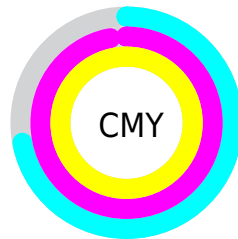


Cyan (0%)

Magenta (90%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470700 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 470700 by changing the saturation by 10% instead.

 470700

 470700

 FFF1E2

 2E0000

 7C382F

 000000

 985046

 B5695D

 D18376

 EF9D90

 FFB8AA

 FFD4C6

 470700

■ 470D07

■ 47140E

■ 471A15

■ 47211C

■ 472724

■ 472D2B

■ 473432

■ 473A39

■ 474140

Harmonies

Analogous

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



49001F



470700



3A1700

Triad

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



470700



002A06



002352

Complementary

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



470700



004047

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.



00294C



470700



002B23

Square

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



470700



0E2600



002B3B



221849

Rectangle

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



470700



2E1E00



002B3B



002551

Sweetspot

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



470700



5C4340



470041



2E1F1D



ADADAD



2E2E2E

Same Dimension

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



470700



5C0900



472900



242020



630A00



E31600

Inverse Universe

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



004047



00535C



001E47



202324



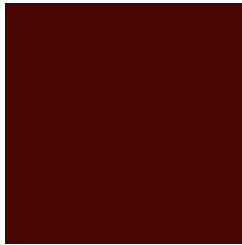
005A63



00CDE3

Previews

White Background



This preview shows how the Hex color 470700 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

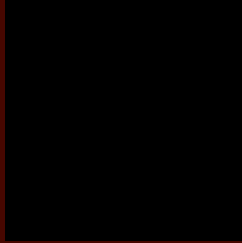
Any Text WCAG AA × Fail

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 470700 Background



This preview shows how black text looks on a background with the Hex color 470700.

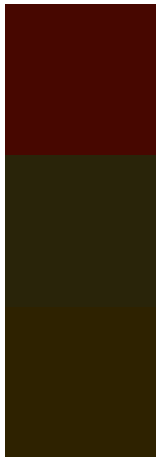


This preview shows how white text looks on a background with the Hex color 470700.

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
470700

Protanopia
292409

Deuteranopia
2E2200



Tritanopia
470704

Trichromacy



Original Color
470700

Protanomaly
341906

Deuteranomaly
371800

Tritanomaly
470703

Monochromacy



Original Color
470700

Achromatopsia
191919

Achromatomaly
2A1210

CSS Examples

Text

The CSS property to change the color of the text to Hex 470700 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 #470700 looks like.

```
.text, #text, p{  
    color:#470700  
}
```

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 #470700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470700
}
```

Border

The CSS property to change the border of an element to Hex 470700 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".

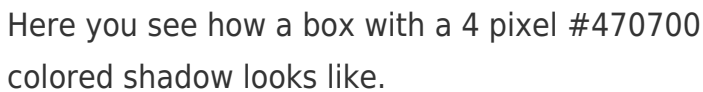
```
.border, #border, table{ border:4px solid
#470700 }
```

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

```
.border{ border-color:#470700 }
```

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

Here you see how a box with a 4 pixel #470700 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #470700 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470700; -webkit-box-shadow:4px 4px  
4px 4px #470700; box-shadow:4px 4px 4px  
4px #470700 }
```

Background

The CSS property to change the background color of an element to Hex 470700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470700 }
```

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

```
.background{ background-color:#470700 }
```

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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