

Converting Colors

Hex(470D2D)

Have a look what the booklet for
Hex(470D2D) contains.

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Color

Hex(470D2D)

Conversions

Conversions Part 1

Format	Color
Hex	470D2D
RGB	71, 13, 45
RGB Percent	28%, 5%, 18%
CMY	0.7216, 0.9490, 0.8235
CMYK	0.00, 0.82, 0.37, 0.72
HSL	327°, 69%, 16%
HSV	327°, 82%, 28%
XYZ	3.2161, 1.8169, 2.6638
YIQ	33.9900, 24.2960, 22.2480

Conversions

Conversions Part 2

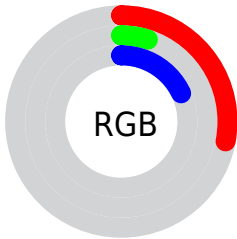
Format	Color
RYB	71, 13, 45
Decimal	4656429
CIELab	14.50, 30.28, -5.48
CIElCh	14, 30.768, 349.737
Yxy	1.8169, 0.4178, 0.2361
Android (android.graphics.Color)	4282846509 (0xFF470D2D)
YUV	33.9900, 5.4279, 32.4578
Hunter-Lab	13.4793, 19.0009, -2.2816




Details

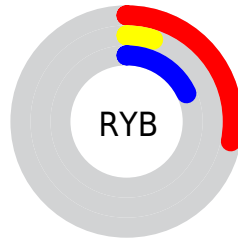
The Hex color **470D2D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D4727**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **7A3D5B**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **47062A**, and if you desaturate by 10%, it is **471430**.

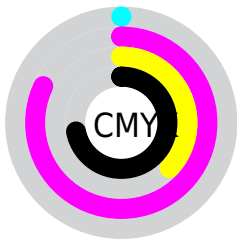
Distribution







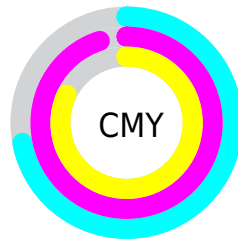
-  Red (28%)
-  Green (5%)
-  Blue (18%)






-  Red (28%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (37%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (95%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470D2D 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 470D2D by changing the saturation by 10% instead.

 470D2D

 470D2D

 FFF7FF

 2F0019

 7A3D5B

 100000

 955573

 000000

 B06F8D

 CC89A7

 E9A3C2

 FFBFDE

 FFDBFB

 470D2D

 470D2D

■ 47062A

■ 471430

■ 470027

■ 471B33

■ 472237

■ 47293A

■ 47313D

■ 473840

■ 473F43

■ 474646

■ 474D4A

Harmonies

Analogous

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



371741



470D2D



4A0D17

Triad

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



470D2D



222800



002D45

Complementary

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



470D2D



0D4727

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.



002E33



470D2D



042C02

Square

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



470D2D



352100



002E1C



00294F

Rectangle

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



470D2D



471306



002E1C



002E40

Sweetspot

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



470D2D



5C4552



260D47



2E2028



ADADAD



2E2E2E

Same Dimension

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



470D2D



5C0233



470D11



242022



630037



E3007D

Inverse Universe

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



470D2D



5C0233



0D4743



242022



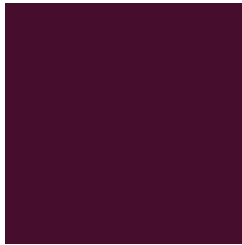
630037



E3007D

Previews

White Background



This preview shows how the Hex color 470D2D looks on a white background.

Color Contrast Check

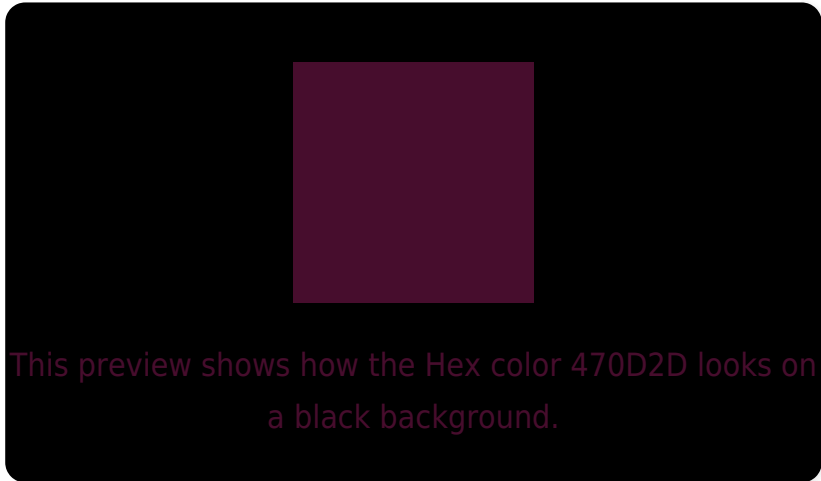
Large Text (above 18pt) WCAG AA ✓ Pass

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

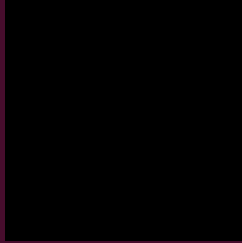
Any Text WCAG AA × Fail

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 470D2D Background



This preview shows how black text looks on a background with the Hex color 470D2D.



This preview shows how white text looks on a background with the Hex color 470D2D.

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
470D2D

Protanopia
1E263E

Deuteranopia
29262A



Tritanopia
451516

Trichromacy



Original Color
470D2D

Protanomaly
2D1D38

Deuteranomaly
341D2B

Tritanomaly
46121E

Monochromacy



Original Color
470D2D

Achromatopsia
222222

Achromatomaly
2F1A26

CSS Examples

Text

The CSS property to change the color of the text to Hex 470D2D 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 #470D2D looks like.

```
.text, #text, p{  
    color:#470D2D  
}
```

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 #470D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470D2D
}
```

Border

The CSS property to change the border of an element to Hex 470D2D 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".

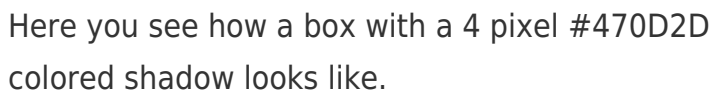
```
.border, #border, table{ border:4px solid
#470D2D }
```

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

```
.border{ border-color:#470D2D }
```

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

Here you see how a box with a 4 pixel #470D2D 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 shadow that is 4 pixels wide and 4 pixels high, extending to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470D2D; -webkit-box-shadow:4px 4px  
4px 4px #470D2D; box-shadow:4px 4px 4px  
4px #470D2D }
```

Background

The CSS property to change the background color of an element to Hex 470D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470D2D }
```

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

```
.background{ background-color:#470D2D }
```

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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