

Converting Colors

Hex(470805)

Have a look what the booklet for
Hex(470805) contains.

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Color

Hex(470805)

Conversions

Conversions Part 1

Format	Color
Hex	470805
RGB	71, 8, 5
RGB Percent	28%, 3%, 2%
CMY	0.7216, 0.9686, 0.9804
CMYK	0.00, 0.89, 0.93, 0.72
HSL	3°, 87%, 15%
HSV	3°, 93%, 28%
XYZ	2.7128, 1.5242, 0.2948
YIQ	26.4950, 38.5110, 12.4230

Conversions

Conversions Part 2

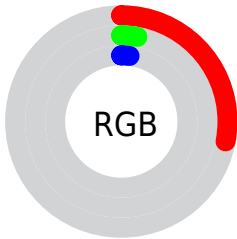
Format	Color
RYB	71, 8, 5
Decimal	4655109
CIELab	12.76, 28.83, 17.79
CIElCh	13, 33.875, 31.670
Yxy	1.5242, 0.5986, 0.3363
Android (android.graphics.Color)	4282845189 (0xFF470805)
YUV	26.4950, -10.5970, 39.0309
Hunter-Lab	12.3459, 17.6163, 7.2264

Details

The Hex color **470805** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **054447**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **7C3933**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **470300**, and if you desaturate by 10%, it is **470F0C**.

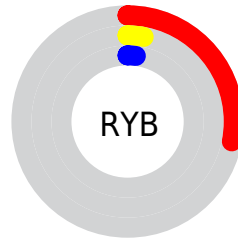
Distribution



Red (28%)

Green (3%)

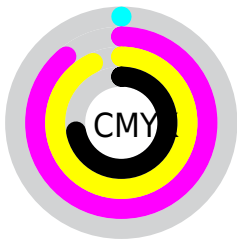
Blue (2%)



Red (28%)

Yellow (3%)

Blue (2%)

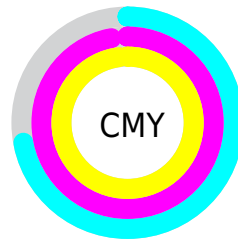


Cyan (0%)

Magenta (89%)

Yellow (93%)

Black (72%)



Cyan (72%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470805 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 470805 by changing the saturation by 10% instead.

 470805

 470805

 FFF2E6

 2E0000

 7C3933

 000000

 985149

 B46A61

 D1837A

 EF9E94

 FFB9AE

 FFD5CA

 470805

 470805

■ 470300

■ 470F0C

■ 471613

■ 471C1A

■ 472321

■ 472A29

■ 473130

■ 473737

■ 473E3E

■ 474545

Harmonies

Analogous

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



480121



470805



3B1700

Triad

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



470805



002A05



002451

Complementary

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



470805



054447

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.



00294B



470805



002B22

Square

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



470805



122600



002B39



1F1A49

Rectangle

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



470805



301E00



002B39



002650

Sweetspot

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



470805



5C4342



470545



2E1F1E



ADADAD



2E2E2E

Same Dimension

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



470805



5C0400



472805



242020



630500



E30A00

Inverse Universe

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



054447



00585C



052447



202424



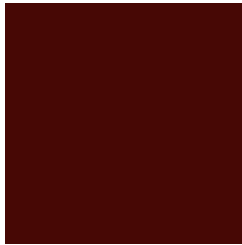
005F63



00D9E3

Previews

White Background



This preview shows how the Hex color 470805 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

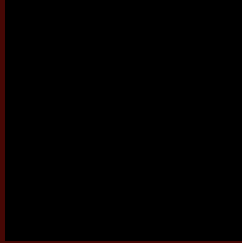
Any Text WCAG AA × Fail

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 470805 Background



This preview shows how black text looks on a background with the Hex color 470805.

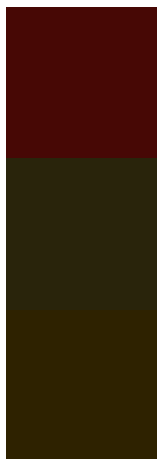


This preview shows how white text looks on a background with the Hex color 470805.

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
470805

Protanopia
29240B

Deuteranopia
2E2200



Tritanopia
470806

Trichromacy



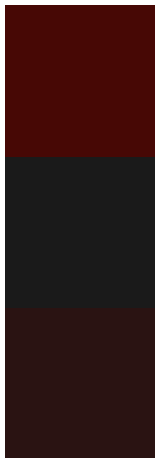
Original Color
470805

Protanomaly
341A09

Deuteranomaly
371902

Tritanomaly
470806

Monochromacy



Original Color
470805

Achromatopsia
1A1A1A

Achromatomaly
2A1312

CSS Examples

Text

The CSS property to change the color of the text to Hex 470805 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 #470805 looks like.

```
.text, #text, p{  
    color:#470805  
}
```

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 #470805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470805
}
```

Border

The CSS property to change the border of an element to Hex 470805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

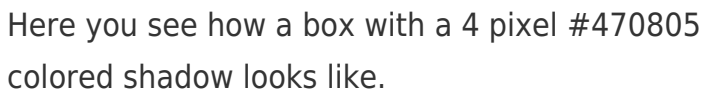
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#470805 }
```

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

```
.border{ border-color:#470805 }
```

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



Here you see how a box with a 4 pixel #470805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470805; -webkit-box-shadow:4px 4px  
4px 4px #470805; box-shadow:4px 4px 4px  
4px #470805 }
```

Background

The CSS property to change the background color of an element to Hex 470805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470805 }
```

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

```
.background{ background-color:#470805 }
```

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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