

Converting Colors

Hex(470117)

Have a look what the booklet for
Hex(470117) contains.

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Color

Hex(470117)

Conversions

Conversions Part 1

Format	Color
Hex	470117
RGB	71, 1, 23
RGB Percent	28%, 0%, 9%
CMY	0.7216, 0.9961, 0.9098
CMYK	0.00, 0.99, 0.68, 0.72
HSL	341°, 97%, 14%
HSV	341°, 99%, 28%
XYZ	2.7640, 1.4232, 0.9396
YIQ	24.4380, 34.6580, 21.6820

Conversions

Conversions Part 2

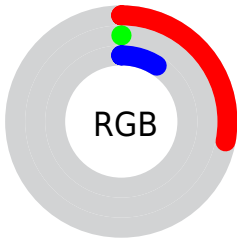
Format	Color
R_{YB}	71, 1, 23
Decimal	4653335
CIE _{Lab}	12.11, 32.59, 7.44
CIE _{LCh}	12, 33.429, 12.862
Yxy	1.4232, 0.5391, 0.2776
Android (android.graphics.Color)	4282843415 (0xFF470117)
YUV	24.4380, -0.7089, 40.8349
Hunter-Lab	11.9296, 20.4807, 3.6808

Details

The Hex color **470117** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **014731**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **7C3441**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **470016**, and if you desaturate by 10%, it is **47081C**.

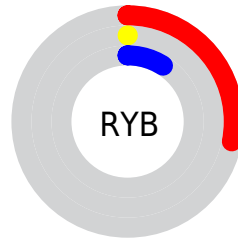
Distribution



Red (28%)

Green (0%)

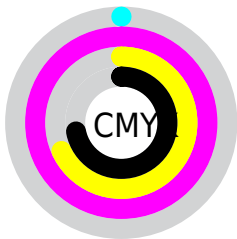
Blue (9%)



Red (28%)

Yellow (0%)

Blue (9%)

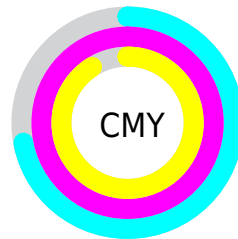


Cyan (0%)

Magenta (99%)

Yellow (68%)

Black (72%)



Cyan (72%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470117 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 470117 by changing the saturation by 10% instead.

 470117

 470117

 FFEEF8

 300000

 7C3441

 000000

 974C59

 B36671

 D07F8A

 ED9AA5

 FF5C0

 FFD1DB

 470117

 470117

■ 470016

■ 47081C

■ 470F21

■ 471626

■ 471D2A

■ 47252F

■ 472C34

■ 473339

■ 473A3E

■ 474143

Harmonies

Analogous

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



41052E



470117



420D00

Triad

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



470117



052600



00264C

Complementary

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



470117



014731

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.



00293F



470117



002911

Square

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



470117



202200



002A29



001F4D

Rectangle

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



470117



391600



002A29



002749

Sweetspot

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



470117



5C4049



310147



2E1D23



ADADAD



2E2E2E

Same Dimension

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



470117



5C001D



470E01



242021



63001F



E30047

Inverse Universe

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



470117



5C001D



013A47



242021



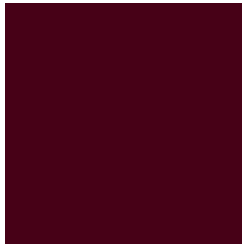
63001F



E30047

Previews

White Background



This preview shows how the Hex color 470117 looks on a white background.

Color Contrast Check

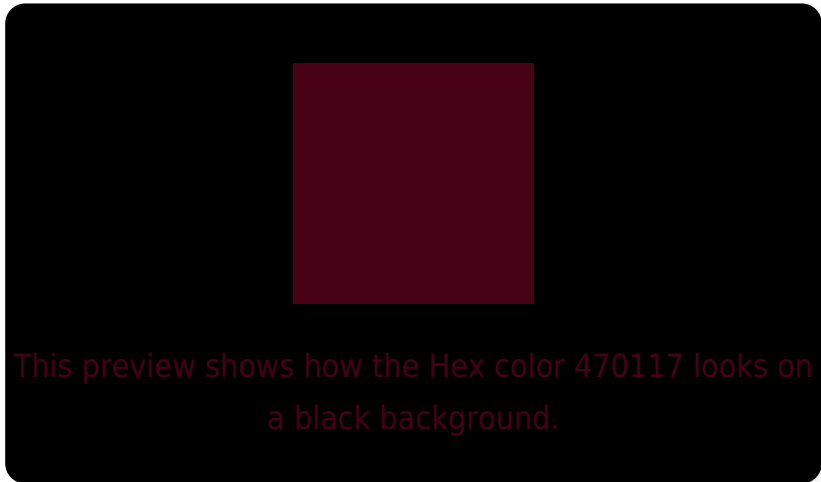
Large Text (above 18pt) WCAG AA ✓ Pass

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

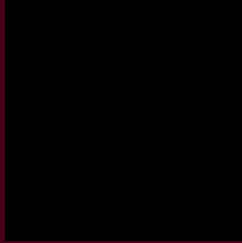
Any Text WCAG AA × Fail

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 470117 Background



This preview shows how black text looks on a background with the Hex color 470117.



This preview shows how white text looks on a background with the Hex color 470117.

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
470117

Protanopia
252422

Deuteranopia
2C2314



Tritanopia
470908

Trichromacy



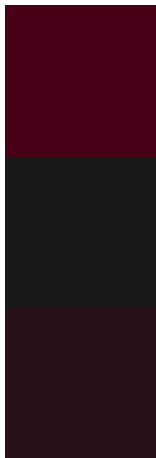
Original Color
470117

Protanomaly
31171E

Deuteranomaly
361715

Tritanomaly
47060D

Monochromacy



Original Color
470117

Achromatopsia
181818

Achromatomaly
291018

CSS Examples

Text

The CSS property to change the color of the text to Hex 470117 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 #470117 looks like.

```
.text, #text, p{  
    color:#470117  
}
```

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 #470117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470117
}
```

Border

The CSS property to change the border of an element to Hex 470117 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".

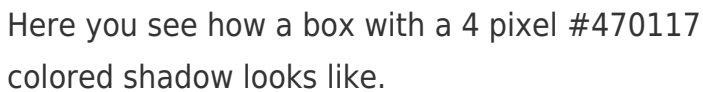
```
.border, #border, table{ border:4px solid
#470117 }
```

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

```
.border{ border-color:#470117 }
```

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

Here you see how a box with a 4 pixel #470117 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 and to the right of the box is a dark red shadow, creating a 3D effect. The shadow is rectangular and matches the color of the border.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470117; -webkit-box-shadow:4px 4px  
4px 4px #470117; box-shadow:4px 4px 4px  
4px #470117 }
```

Background

The CSS property to change the background color of an element to Hex 470117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470117 }
```

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

```
.background{ background-color:#470117 }
```

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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