

Converting Colors

Hex(470028)

Have a look what the booklet for
Hex(470028) contains.

Hex(470028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(470028)

Conversions

Conversions Part 1

Format	Color
Hex	470028
RGB	71, 0, 40
RGB Percent	28%, 0%, 16%
CMY	0.7216, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.44, 0.72
HSL	326°, 100%, 14%
HSV	326°, 100%, 28%
XYZ	2.9815, 1.4928, 2.1385
YIQ	25.7890, 29.4760, 27.4920

Conversions

Conversions Part 2

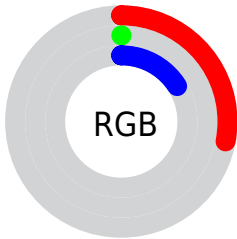
Format	Color
R_{YB}	71, 0, 40
Decimal	4653096
CIE _{Lab}	12.56, 34.58, -4.72
CIE _{LCh}	13, 34.897, 352.234
Yxy	1.4928, 0.4509, 0.2257
Android (android.graphics.Color)	4282843176 (0xFF470028)
YUV	25.7890, 7.0060, 39.6500
Hunter-Lab	12.2180, 22.1776, -1.8247

Details

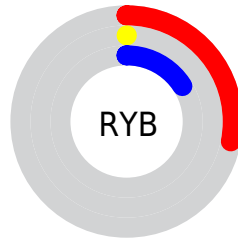
The Hex color **470028** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00471F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **7B3455**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **470028**, and if you desaturate by 10%, it is **47072B**.

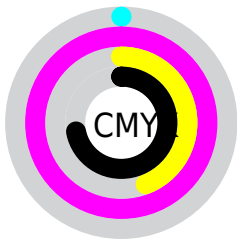
Distribution



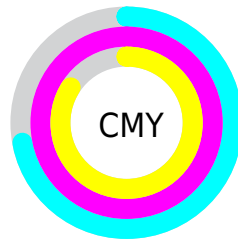
- Red (28%)
- Green (0%)
- Blue (16%)



- Red (28%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 470028 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 470028 by changing the saturation by 10% instead.

 470028

 470028

 FFEEFF

 300014

 7B3455

 070000

 964D6D

 000000

 B26687

 CE80A1

 EB9ABC

 FFB6D7

 FFD2F4

 470028

■ 47072B

■ 470E2E

■ 471531

■ 471C34

■ 472438

■ 472B3B

■ 47323E

■ 473941

■ 474044

Harmonies

Analogous

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



360F3F



470028



49020F

Triad

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



470028



192500



002A47

Complementary

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



470028



00471F

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.



002B32



470028



002900

Square

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



470028



2F1D00



002B19



002651

Rectangle

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



470028



440C00



002B19



002A41

Sweetspot

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



470028



5C4050



1F0047



2E1D27



ADADAD



2E2E2E

Same Dimension

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



470028



5C0034



470005



242022



630038



E30080

Inverse Universe

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



470028



5C0034



004742



242022



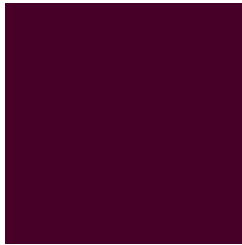
630038



E30080

Previews

White Background



This preview shows how the Hex color 470028 looks on a white background.

Color Contrast Check

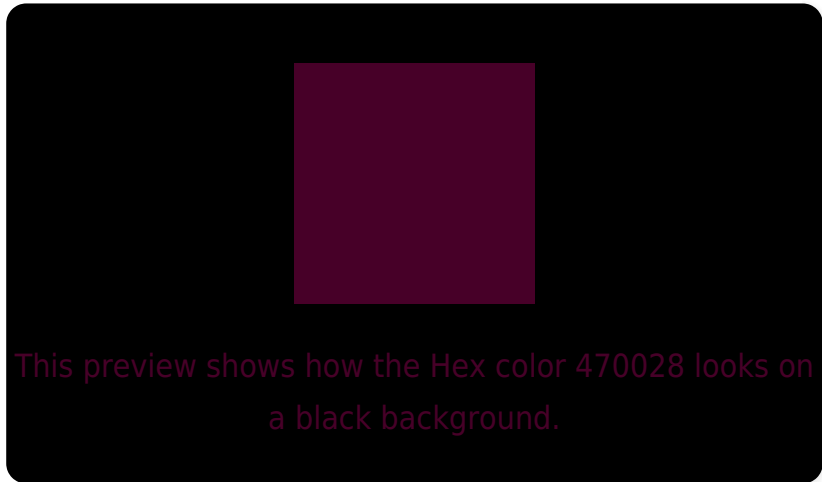
Large Text (above 18pt) WCAG AA ✓ Pass

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

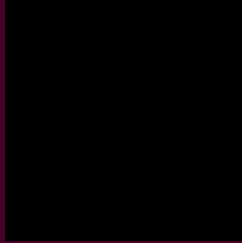
Any Text WCAG AA × Fail

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 470028 Background



This preview shows how black text looks on a background with the Hex color 470028.



This preview shows how white text looks on a background with the Hex color 470028.

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
470028

Protanopia
1E253A

Deuteranopia
292425



Tritanopia
461010

Trichromacy



Original Color
470028

Protanomaly
2D1833

Deuteranomaly
341726

Tritanomaly
460A19

Monochromacy



Original Color
470028

Achromatopsia
1A1A1A

Achromatomaly
2A111F

CSS Examples

Text

The CSS property to change the color of the text to Hex 470028 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 #470028 looks like.

```
.text, #text, p{  
    color:#470028  
}
```

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 #470028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470028  
}
```

Border

The CSS property to change the border of an element to Hex 470028 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".

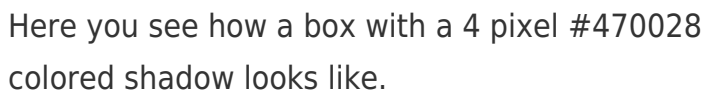
```
.border, #border, table{ border:4px solid  
#470028 }
```

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

```
.border{ border-color:#470028 }
```

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

Here you see how a box with a 4 pixel #470028 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 horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470028; -webkit-box-shadow:4px 4px  
4px 4px #470028; box-shadow:4px 4px 4px  
4px #470028 }
```

Background

The CSS property to change the background color of an element to Hex 470028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470028 }
```

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

```
.background{ background-color:#470028 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor