

Converting Colors

Hex(470D47)

Have a look what the booklet for
Hex(470D47) contains.

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Color

Hex(470D47)

Conversions

Conversions Part 1

Format	Color
Hex	470D47
RGB	71, 13, 71
RGB Percent	28%, 5%, 28%
CMY	0.7216, 0.9490, 0.7216
CMYK	0.00, 0.82, 0.00, 0.72
HSL	300°, 69%, 16%
HSV	300°, 82%, 28%
XYZ	3.8798, 2.0824, 6.1587
YIQ	36.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

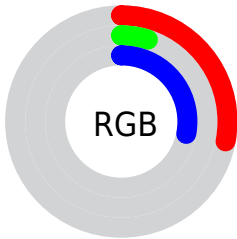
Format	Color
R_{YB}	71, 13, 71
Decimal	4656455
CIE _{Lab}	15.91, 34.60, -21.75
CIE _{LCh}	16, 40.867, 327.846
Yxy	2.0824, 0.3201, 0.1718
Android (android.graphics.Color)	4282846535 (0xFF470D47)
YUV	36.9540, 16.7847, 29.8583
Hunter-Lab	14.4304, 22.7385, -15.2028




Details

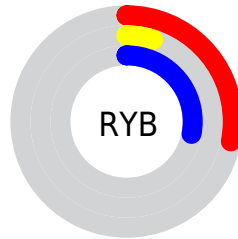
The Hex color **470D47** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D470D**, and the grayscale version is **252525**.




A 20% lighter version of the original color is **7A3E78**, and **17001B** is the 20% darker color. If you saturate the color by 10%, you get **470647**, and if you desaturate by 10%, it is **471447**.

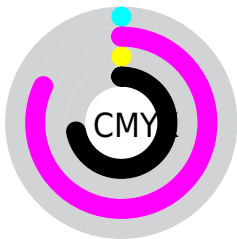
Distribution







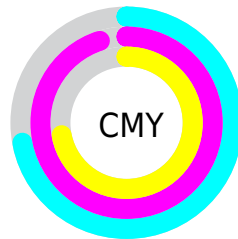
-  Red (28%)
-  Green (5%)
-  Blue (28%)






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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 470D47 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 470D47 by changing the saturation by 10% instead.

 470D47

 470D47

 FFFAFF

 2F0030

 7A3E78

 17001B

 945792

 000000

 B070AC

 CC8AC8

 E8A5E4

 FFC1FF

 FFDDFF

 470D47

 470D47

■ 470647

■ 471447

■ 470047

■ 471B47

■ 472247

■ 472947

■ 473147

■ 473847

■ 473F47

■ 474647

■ 474D47

Harmonies

Analogous

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



1C215C



470D47



57002B

Triad

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



470D47



342600



003342

Complementary

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



470D47



0D470D

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.



003325



470D47



182E00

Square

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



470D47



4A1800



003101



003259

Rectangle

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



470D47



580018



003101



003439

Sweetspot

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



470D47



5C455C



0D0D47



2E202E



ADADAD



2E2E2E

Same Dimension

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



470D47



5C025C



470D2A



242024



630063



E300E3

Inverse Universe

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



470D47



5C025C



0D472A



242024



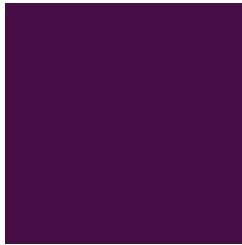
630063



E300E3

Previews

White Background



This preview shows how the Hex color 470D47 looks on a white background.

Color Contrast Check

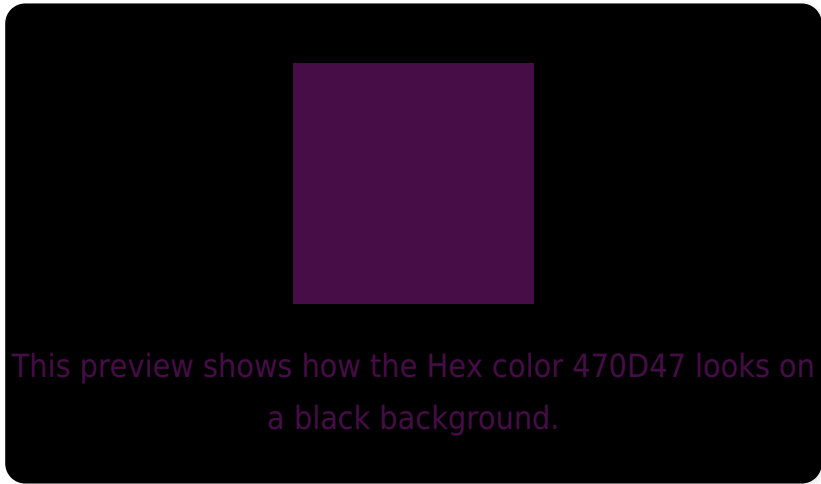
Large Text (above 18pt) WCAG AA ✓ Pass

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

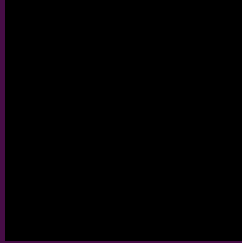
Any Text WCAG AA × Fail

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 470D47 Background



This preview shows how black text looks on a background with the Hex color 470D47.



This preview shows how white text looks on a background with the Hex color 470D47.

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
470D47

Protanopia
002855

Deuteranopia
1B2A43



Tritanopia
431E20

Trichromacy



Original Color
470D47

Protanomaly
1A1E50

Deuteranomaly
2B1F44

Tritanomaly
44182E

Monochromacy



Original Color
470D47

Achromatopsia
252525

Achromatomaly
311C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 470D47 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 #470D47 looks like.

```
.text, #text, p{  
    color:#470D47  
}
```

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 #470D47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #470D47
}
```

Border

The CSS property to change the border of an element to Hex 470D47 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
#470D47 }
```

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

```
.border{ border-color:#470D47 }
```

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

Here you see how a box with a 4 pixel #470D47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #470D47; -webkit-box-shadow:4px 4px  
4px 4px #470D47; box-shadow:4px 4px 4px  
4px #470D47 }
```

Background

The CSS property to change the background color of an element to Hex 470D47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#470D47 }
```

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

```
.background{ background-color:#470D47 }
```

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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