

Converting Colors

Hex(471B46)

Have a look what the booklet for
Hex(471B46) contains.

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Color

Hex(471B46)

Conversions

Conversions Part 1

Format	Color
Hex	471B46
RGB	71, 27, 70
RGB Percent	28%, 11%, 27%
CMY	0.7216, 0.8941, 0.7255
CMYK	0.00, 0.62, 0.01, 0.72
HSL	301°, 45%, 19%
HSV	301°, 62%, 28%
XYZ	4.0960, 2.5657, 6.0737
YIQ	45.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

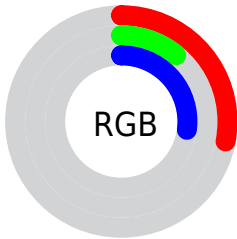
Format	Color
RYB	71, 27, 70
Decimal	4660038
CIELab	18.21, 27.83, -17.43
CIElCh	18, 32.836, 327.939
Yxy	2.5657, 0.3216, 0.2015
Android (android.graphics.Color)	4282850118 (0xFF471B46)
YUV	45.0580, 12.2964, 22.7511
Hunter-Lab	16.0177, 17.6142, -11.2696

Details

The Hex color **471B46** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1B471C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **794977**, and **1B001B** is the 20% darker color. If you saturate the color by 10%, you get **471446**, and if you desaturate by 10%, it is **472246**.

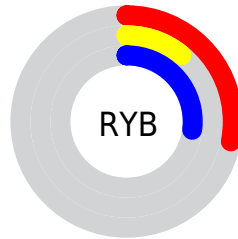
Distribution



Red (28%)

Green (11%)

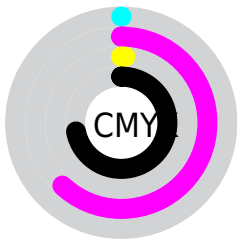
Blue (27%)



Red (28%)

Yellow (11%)

Blue (27%)

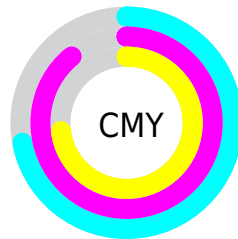


Cyan (0%)

Magenta (62%)

Yellow (1%)

Black (72%)



Cyan (72%)

Magenta (89%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471B46 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 471B46 by changing the saturation by 10% instead.

■ 471B46

■ 471B46

FFFFFF

■ 2F042F

■ 794977

■ 1B001B

■ 936290

■ 000000

■ AE7BAB

■ CA95C6

■ E6B0E2

■ FFCCFF

■ FFE8FF

■ 471B46

■ 471B46

■ 471446

■ 472246

■ 470D46

■ 472946

■ 470646

■ 473046

■ 470045

■ 473747

■ 473F47

■ 474647

■ 474D47

■ 475447

■ 475B47

Harmonies

Analogous

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



272757



471B46



55122F

Triad

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



471B46



392B00



003742

Complementary

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



471B46



1B471C

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.



00372A



471B46



233100

Square

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



471B46



4B2100



003511



003555

Rectangle

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



471B46



56131F



003511



00373A

Sweetspot

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



471B46



5C4A5B



1C1B47



2E232E



ADADAD



2E2E2E

Same Dimension

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



471B46



5C185A



471B30



242024



630061



E300DE

Inverse Universe

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



471B46



5C185A



1B4732



242024



630061



E300DE

Previews

White Background



This preview shows how the Hex color 471B46 looks on a white background.

Color Contrast Check

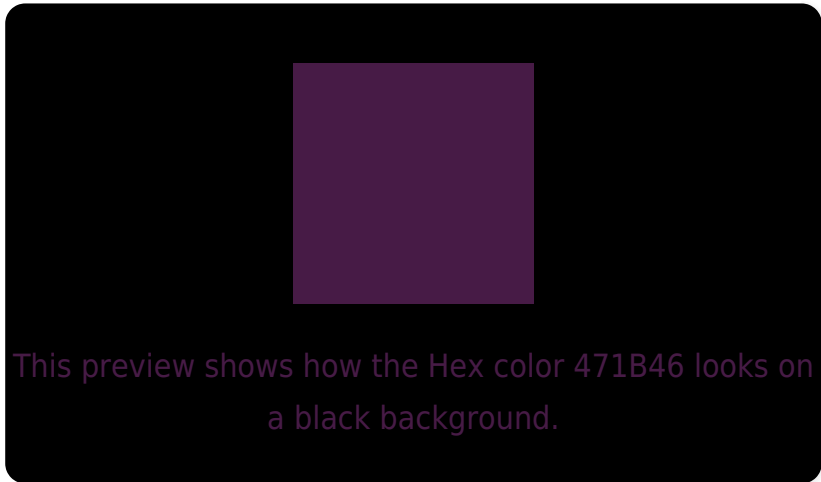
Large Text (above 18pt) WCAG AA ✓ Pass

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

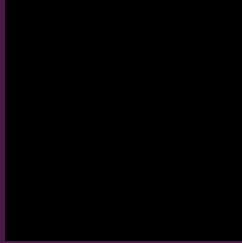
Any Text WCAG AA × Fail

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 471B46 Background



This preview shows how black text looks on a background with the Hex color 471B46.



This preview shows how white text looks on a background with the Hex color 471B46.

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
471B46

Protanopia
172C56

Deuteranopia
242D43



Tritanopia
432427

Trichromacy



Original Color
471B46

Protanomaly
282650

Deuteranomaly
312644

Tritanomaly
442132

Monochromacy



Original Color
471B46

Achromatopsia
2D2D2D

Achromatomaly
362636

CSS Examples

Text

The CSS property to change the color of the text to Hex 471B46 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 #471B46 looks like.

```
.text, #text, p{  
    color:#471B46  
}
```

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 #471B46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471B46
}
```

Border

The CSS property to change the border of an element to Hex 471B46 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
#471B46 }
```

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

```
.border{ border-color:#471B46 }
```

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

Here you see how a box with a 4 pixel #471B46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471B46; -webkit-box-shadow:4px 4px  
4px 4px #471B46; box-shadow:4px 4px 4px  
4px #471B46 }
```

Background

The CSS property to change the background color of an element to Hex 471B46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471B46 }
```

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

```
.background{ background-color:#471B46 }
```

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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