

Converting Colors

Hex(471F47)

Have a look what the booklet for
Hex(471F47) contains.

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Color

Hex(471F47)

Conversions

Conversions Part 1

Format	Color
Hex	471F47
RGB	71, 31, 71
RGB Percent	28%, 12%, 28%
CMY	0.7216, 0.8784, 0.7216
CMYK	0.00, 0.56, 0.00, 0.72
HSL	300°, 39%, 20%
HSV	300°, 56%, 28%
XYZ	4.2259, 2.7745, 6.2740
YIQ	47.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

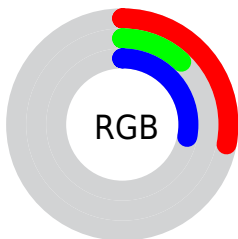
Format	Color
RYB	71, 31, 71
Decimal	4661063
CIELab	19.12, 25.76, -16.70
CIELCh	19, 30.704, 327.046
Yxy	2.7745, 0.3183, 0.2090
Android (android.graphics.Color)	4282851143 (0xFF471F47)
YUV	47.5200, 11.5756, 20.5920
Hunter-Lab	16.6568, 16.1362, -10.6727

Details

The Hex color **471F47** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F471F**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **794D78**, and **1D001C** is the 20% darker color. If you saturate the color by 10%, you get **471847**, and if you desaturate by 10%, it is **472647**.

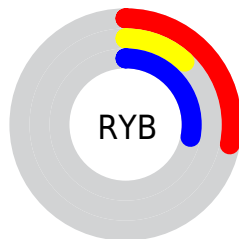
Distribution



Red (28%)

Green (12%)

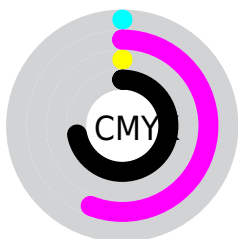
Blue (28%)



Red (28%)

Yellow (12%)

Blue (28%)

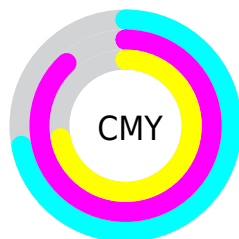


Cyan (0%)

Magenta (56%)

Yellow (0%)

Black (72%)



Cyan (72%)

Magenta (88%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471F47 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 471F47 by changing the saturation by 10% instead.

471F47

471F47

FFFFFF

300830

794D78

1D001C

936691

000000

AE7FAC

CA99C7

E6B4E3

FFD0FF

FFECFF

471F47

471F47

■ 471847

■ 472647

■ 471147

■ 472D47

■ 470A47

■ 473447

■ 470347

■ 473B47

■ 470047

■ 474347

■ 474A47

■ 475147

■ 475847

■ 475F47

Harmonies

Analogous

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



292956



471F47



541832

Triad

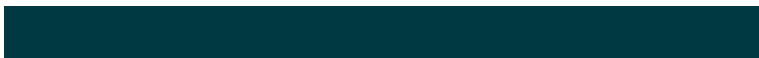
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



471F47



3C2D00



003942

Complementary

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



471F47



1F471F

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.



00392B



471F47



263300

Square

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



471F47



4C2405



023715



003754

Rectangle

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



471F47



561823



023715



00393B

Sweetspot

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



471F47



5C4C5C



1F1F47



2E252E



ADADAD



2E2E2E

Same Dimension

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



471F47



5C1D5C



471F33



242024



630063



E300E3

Inverse Universe

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



471F47



5C1D5C



1F4733



242024



630063



E300E3

Previews

White Background



This preview shows how the Hex color 471F47 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 471F47 Background



This preview shows how black text looks on a background with the Hex color 471F47.



This preview shows how white text looks on a background with the Hex color 471F47.

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](#).

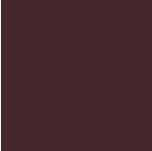
Dichromacy



Original Color
471F47

Protanopia
1D2E54

Deuteranopia
272F44



Tritanopia
43272A

Trichromacy



Original Color
471F47

Protanomaly
2C294F

Deuteranomaly
332945

Tritanomaly
442435

Monochromacy



Original Color
471F47

Achromatopsia
303030

Achromatomaly
382A38

CSS Examples

Text

The CSS property to change the color of the text to Hex 471F47 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 #471F47 looks like.

```
.text, #text, p{  
    color:#471F47  
}
```

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 #471F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471F47
}
```

Border

The CSS property to change the border of an element to Hex 471F47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

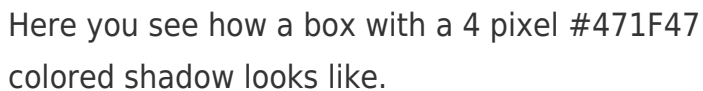
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#471F47 }
```

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

```
.border{ border-color:#471F47 }
```

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



Here you see how a box with a 4 pixel #471F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471F47; -webkit-box-shadow:4px 4px  
4px 4px #471F47; box-shadow:4px 4px 4px  
4px #471F47 }
```

Background

The CSS property to change the background color of an element to Hex 471F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471F47 }
```

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

```
.background{ background-color:#471F47 }
```

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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