

Converting Colors

Hex(471730)

Have a look what the booklet for
Hex(471730) contains.

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Color

Hex(471730)

Conversions

Conversions Part 1

Format	Color
Hex	471730
RGB	71, 23, 48
RGB Percent	28%, 9%, 19%
CMY	0.7216, 0.9098, 0.8118
CMYK	0.00, 0.68, 0.32, 0.72
HSL	329°, 51%, 18%
HSV	329°, 68%, 28%
XYZ	3.4384, 2.1658, 3.0331
YIQ	40.2020, 20.5830, 17.9510

Conversions

Conversions Part 2

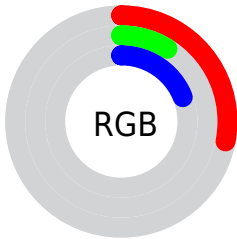
Format	Color
RYB	71, 23, 48
Decimal	4658992
CIELab	16.33, 25.99, -4.88
CIELCh	16, 26.447, 349.369
Yxy	2.1658, 0.3981, 0.2507
Android (android.graphics.Color)	4282849072 (0xFF471730)
YUV	40.2020, 3.8444, 27.0098
Hunter-Lab	14.7166, 15.9512, -1.9181




Details

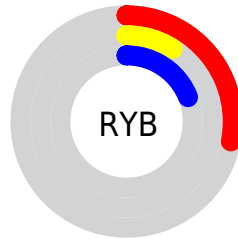
The Hex color **471730** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **17472E**, and the grayscale version is **282828**.



A 20% lighter version of the original color is **79455E**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **47102D**, and if you desaturate by 10%, it is **471E33**.

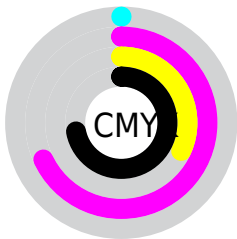
Distribution







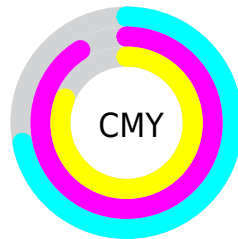
-  Red (28%)
-  Green (9%)
-  Blue (19%)






-  Red (28%)
-  Yellow (9%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (68%)
-  Yellow (32%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (91%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471730 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 471730 by changing the saturation by 10% instead.

471730

471730

FFFFFF

2F001B

79455E

160000

945D77

000000

AF7790

CB91AB

E8ABC6

FFC7E2

FFE3FF

471730

471730

■ 47102D

■ 471E33

■ 470929

■ 472537

■ 470226

■ 472C3A

■ 470025

■ 47333E

■ 473B41

■ 474244

■ 474948

■ 47504B

■ 47574F

Harmonies

Analogous

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



381E41



471730



4A171D

Triad

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



471730



272B00



003045

Complementary

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



471730



17472E

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.



003134



471730



0F2F0E

Square

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



471730



382500



003121



002D4D

Rectangle

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



471730



471B11



003121



003140

Sweetspot

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



471730



5C4953



2D1747



2E2329



ADADAD



2E2E2E

Same Dimension

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



471730



5C1138



471719



242022



630034



E30076

Inverse Universe

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



471730



5C1138



174745



242022



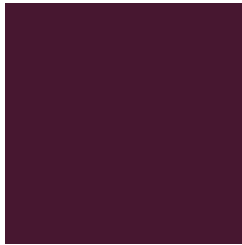
630034



E30076

Previews

White Background



This preview shows how the Hex color 471730 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

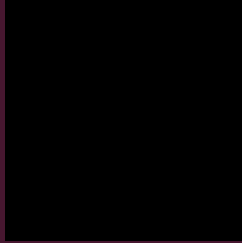
Any Text WCAG AA × Fail

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 471730 Background



This preview shows how black text looks on a background with the Hex color 471730.



This preview shows how white text looks on a background with the Hex color 471730.

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
471730

Protanopia
24293D

Deuteranopia
2C292D

Trichromacy



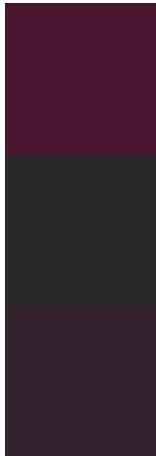
Original Color
471730

Protanomaly
312238

Deuteranomaly
36222E

Tritanomaly
461A24

Monochromacy



Original Color
471730

Achromatopsia
282828

Achromatomaly
33222B

CSS Examples

Text

The CSS property to change the color of the text to Hex 471730 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 #471730 looks like.

```
.text, #text, p{  
    color:#471730  
}
```

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 #471730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471730
}
```

Border

The CSS property to change the border of an element to Hex 471730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

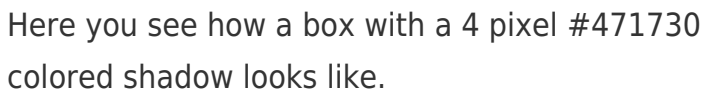
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#471730 }
```

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

```
.border{ border-color:#471730 }
```

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



Here you see how a box with a 4 pixel #471730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471730; -webkit-box-shadow:4px 4px  
4px 4px #471730; box-shadow:4px 4px 4px  
4px #471730 }
```

Background

The CSS property to change the background color of an element to Hex 471730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471730 }
```

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

```
.background{ background-color:#471730 }
```

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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