

Converting Colors

Hex(471D04)

Have a look what the booklet for
Hex(471D04) contains.

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Color

Hex(471D04)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 471D04 |
| RGB | 71, 29, 4 |
| RGB Percent | 28%, 11%, 2% |
| CMY | 0.7216, 0.8863, 0.9843 |
| CMYK | 0.00, 0.59, 0.94, 0.72 |
| HSL | 22°, 89%, 15% |
| HSV | 22°, 94%, 28% |
| XYZ | 3.0598, 2.2271, 0.3835 |
| YIQ | 38.7080, 33.0570, 1.1290 |

Conversions

Conversions Part 2

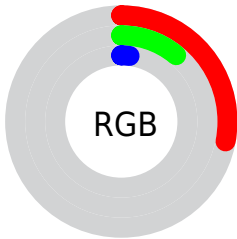
| Format | Color |
|-------------------------------------|--|
| RYB | 71, 44, 4 |
| Decimal | 4660484 |
| CIELab | 16.64, 18.38, 23.20 |
| CIELCh | 17, 29.600, 51.606 |
| Yxy | 2.2271, 0.5396, 0.3928 |
| Android (android.graphics.Color) | 4282850564 (0xFF471D04) |
| YUV | 38.7080, -17.1110, 28.3201 |
| Hunter-Lab | 14.9234, 10.4826, 8.9229 |

Details

The Hex color **471D04** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **042E47**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **7B4A32**, and **0A0000** is the 20% darker color. If you saturate the color by 10%, you get **471A00**, and if you desaturate by 10%, it is **47210B**.

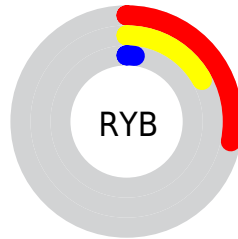
Distribution



Red (28%)

Green (11%)

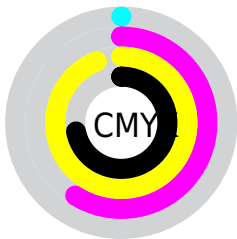
Blue (2%)



Red (28%)

Yellow (17%)

Blue (2%)

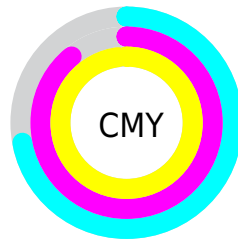


Cyan (0%)

Magenta (59%)

Yellow (94%)

Black (72%)



Cyan (72%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471D04 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 471D04 by changing the saturation by 10% instead.

 471D04

 471D04

 FFFFE6

 2E0800

 7B4A32

 0A0000

 976249

 000000

 B27B60

 CF9579

 ECB093

 FFCBAE

 FFE7C9

 471D04

 471D04

■ 471A00

■ 47210B

■ 472612

■ 472A19

■ 472F20

■ 473327

■ 47382F

■ 473C36

■ 47413D

■ 474544

Harmonies

Analogous

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



4E151B



471D04



392600

Triad

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



471D04



003222



1C2651

Complementary

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



471D04



042E47

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.



002D53



471D04



003338

Square

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



471D04



07300C



00314A



3D1C44

Rectangle

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



471D04



2D2B00



00314A



052953

Sweetspot

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



471D04



5C4C42



47042E



2E241E



ADADAD



2E2E2E

Same Dimension

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



471D04



5C2200



473E04



242120



632500



E35500

Inverse Universe

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



042E47



003A5C



040D47



202224



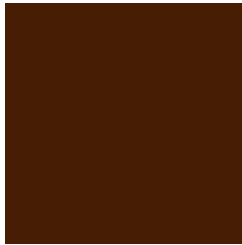
003E63



008EE3

Previews

White Background



This preview shows how the Hex color 471D04 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

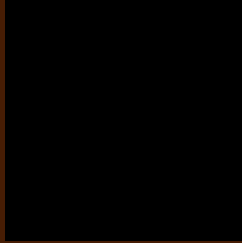
Any Text WCAG AA × Fail

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 471D04 Background



This preview shows how black text looks on a background with the Hex color 471D04.

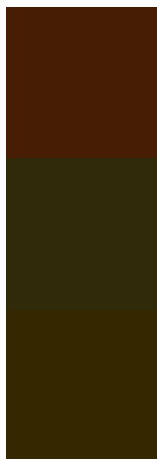


This preview shows how white text looks on a background with the Hex color 471D04.

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
471D04

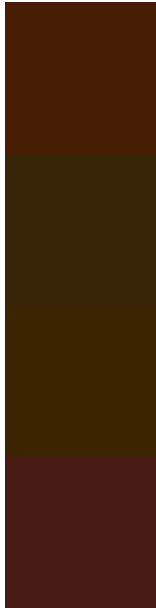
Protanopia
302A08

Deuteranopia
352800



Tritanopia
481B1D

Trichromacy



Original Color
471D04

Protanomaly
382507

Deuteranomaly
3C2401

Tritanomaly
481C14

Monochromacy



Original Color
471D04

Achromatopsia
272727

Achromatomaly
33231A

CSS Examples

Text

The CSS property to change the color of the text to Hex 471D04 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 #471D04 looks like.

```
.text, #text, p{  
    color:#471D04  
}
```

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 #471D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471D04  
}
```

Border

The CSS property to change the border of an element to Hex 471D04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

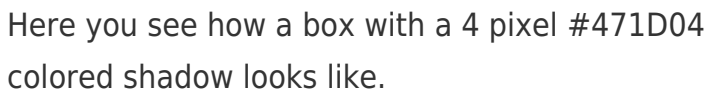
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#471D04 }
```

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

```
.border{ border-color:#471D04 }
```

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



Here you see how a box with a 4 pixel #471D04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471D04; -webkit-box-shadow:4px 4px  
4px 4px #471D04; box-shadow:4px 4px 4px  
4px #471D04 }
```

Background

The CSS property to change the background color of an element to Hex 471D04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471D04 }
```

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

```
.background{ background-color:#471D04 }
```

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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