

Converting Colors

Hex(474830)

Have a look what the booklet for
Hex(474830) contains.

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Color

Hex(474830)

Conversions

Conversions Part 1

Format	Color
Hex	474830
RGB	71, 72, 48
RGB Percent	28%, 28%, 19%
CMY	0.7216, 0.7176, 0.8118
CMYK	0.01, 0.00, 0.33, 0.72
HSL	62°, 20%, 24%
HSV	62°, 33%, 28%
XYZ	5.4494, 6.1877, 3.7034
YIQ	68.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

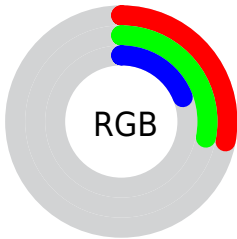
Format	Color
R_{YB}	48, 72, 49
Decimal	4671536
CIE _{Lab}	29.88, -4.96, 14.31
CIE _{LCh}	30, 15.142, 109.137
Yxy	6.1877, 0.3552, 0.4034
Android (android.graphics.Color)	4282861616 (0xFF474830)
YUV	68.9650, -10.3357, 1.7847
Hunter-Lab	24.8751, -4.4275, 8.5854

Details

The Hex color **474830** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **313048**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **78785E**, and **1C1D01** is the 20% darker color. If you saturate the color by 10%, you get **474829**, and if you desaturate by 10%, it is **474837**.

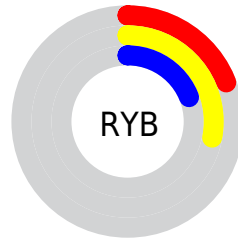
Distribution



Red (28%)

Green (28%)

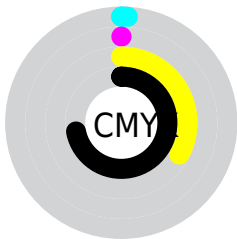
Blue (19%)



Red (19%)

Yellow (28%)

Blue (19%)

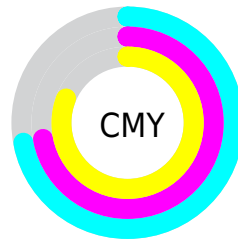


Cyan (1%)

Magenta (0%)

Yellow (33%)

Black (72%)



Cyan (72%)

Magenta (72%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474830 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 474830 by changing the saturation by 10% instead.



474830



474830

FFFFFF



30321B



78785E



1C1D01



929277



000000



ACAD91



C8C8AB



E4E4C7



FFFFE3



474830



474830



474829



474837

■ 464822

■ 48483E

■ 46481A

■ 484846

■ 464813

■ 48484D

■ 46480C

■ 494854

■ 454805

■ 49485B

■ 454800

■ 494862

■ 49486A

■ 4A4871

Harmonies

Analogous

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



53442F



474830



3A4B37

Triad

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



474830



244C58



5B3E4B

Complementary

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



474830



313048

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.



514156



474830



31495D

Square

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



474830



234D4E



42455C



5E3E3F

Rectangle

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



474830



314C3E



42455C



583F4F

Sweetspot

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



474830



5E5E55



483130



30302B



B0B0B0



303030

Same Dimension

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



474830



5D5E39



3B4830



242420



5F6300



D9E300

Inverse Universe

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



313048



3A395E



3D3048



202024



040063



0900E3

Previews

White Background



This preview shows how the Hex color 474830 looks on a white background.

Color Contrast Check

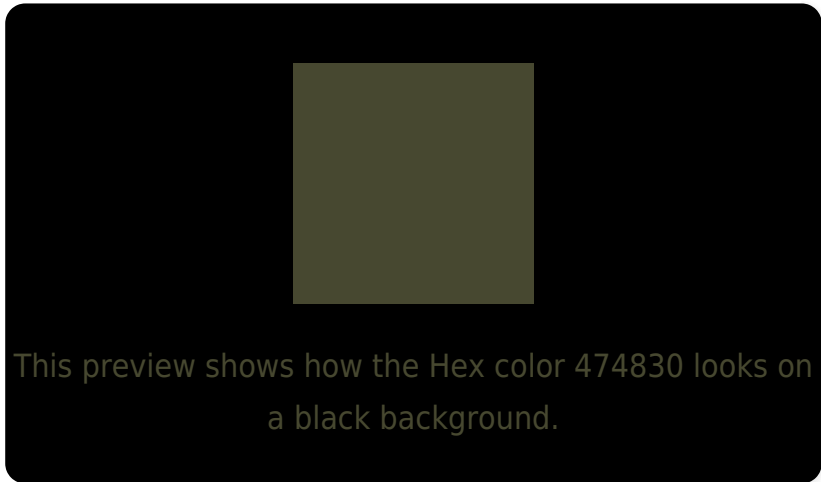
Large Text (above 18pt) WCAG AA ✓ Pass

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

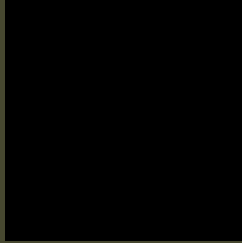
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

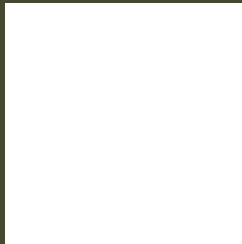
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 474830 Background



This preview shows how black text looks on a background with the Hex color 474830.

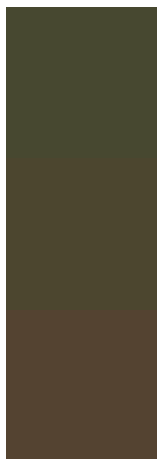


This preview shows how white text looks on a background with the Hex color 474830.

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


474830

Protanopia

4C462F

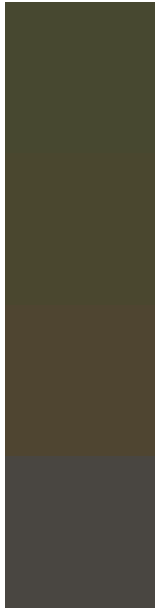
Deuteranopia

544331



Tritanopia
4A454A

Trichromacy



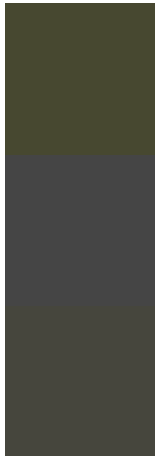
Original Color
474830

Protanomaly
4A472F

Deuteranomaly
4F4531

Tritanomaly
494641

Monochromacy



Original Color
474830

Achromatopsia
454545

Achromatomaly
46463D

CSS Examples

Text

The CSS property to change the color of the text to Hex 474830 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 #474830 looks like.

```
.text, #text, p{  
    color:#474830  
}
```

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 #474830 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474830
}
```

Border

The CSS property to change the border of an element to Hex 474830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

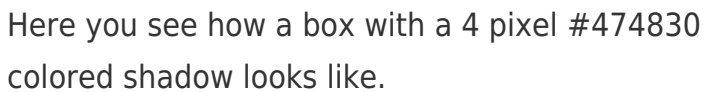
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474830 }
```

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

```
.border{ border-color:#474830 }
```

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



Here you see how a box with a 4 pixel #474830 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474830; -webkit-box-shadow:4px 4px  
4px 4px #474830; box-shadow:4px 4px 4px  
4px #474830 }
```

Background

The CSS property to change the background color of an element to Hex 474830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474830 }
```

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

```
.background{ background-color:#474830 }
```

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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