

Converting Colors

Hex(474816)

Have a look what the booklet for
Hex(474816) contains.

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Color

Hex(474816)

Conversions

Conversions Part 1

Format	Color
Hex	474816
RGB	71, 72, 22
RGB Percent	28%, 28%, 9%
CMY	0.7216, 0.7176, 0.9137
CMYK	0.01, 0.00, 0.69, 0.72
HSL	61°, 53%, 18%
HSV	61°, 69%, 28%
XYZ	5.0607, 6.0323, 1.6567
YIQ	66.0010, 15.4540, -15.7620

Conversions

Conversions Part 2

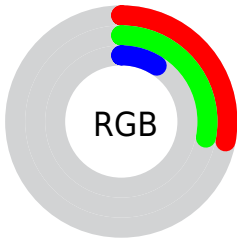
Format	Color
R_{YB}	22, 72, 23
Decimal	4671510
CIE Lab	29.49, -7.99, 28.88
CIE LCh	29, 29.964, 105.467
Yxy	6.0323, 0.3969, 0.4731
Android (android.graphics.Color)	4282861590 (0xFF474816)
YUV	66.0010, -21.6925, 4.3841
Hunter-Lab	24.5606, -6.2012, 13.1932

Details

The Hex color **474816** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **171648**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **797844**, and **191D00** is the 20% darker color. If you saturate the color by 10%, you get **47480F**, and if you desaturate by 10%, it is **47481D**.

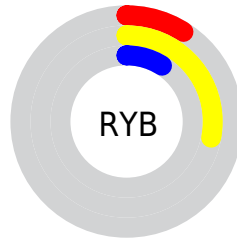
Distribution



Red (28%)

Green (28%)

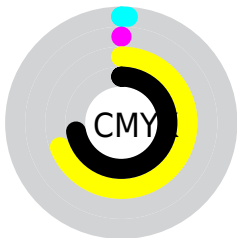
Blue (9%)



Red (9%)

Yellow (28%)

Blue (9%)

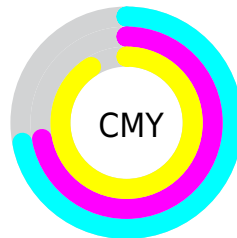


Cyan (1%)

Magenta (0%)

Yellow (69%)

Black (72%)



Cyan (72%)

Magenta (72%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474816 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 474816 by changing the saturation by 10% instead.



474816



474816

FFFFFFE



303200



797844



191D00



93925C



000000



AFAC75



CAC88F



E7E4AA



FFFFC5



FFFFE1



474816



474816

■ 47480F

■ 47481D

■ 474808

■ 474824

■ 474800

■ 47482C

■ 484833

■ 48483A

■ 484841

■ 484848

■ 484850

■ 484857

Harmonies

Analogous

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



5C4017



474816



2D4D23

Triad

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



474816



005066



6A3352

Complementary

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



474816



171648

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.



563A66



474816



004B72

Square

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



474816



005151



334472



71313A

Rectangle

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



474816



135031



334472



653559

Sweetspot

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



474816



5E5E4B



481716



303024



B0B0B0



303030

Same Dimension

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



474816



5D5E10



2E4816



242420



616300



DEE300

Inverse Universe

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



171648



12105E



301648



202024



020063



0500E3

Previews

White Background



This preview shows how the Hex color 474816 looks on a white background.

Color Contrast Check

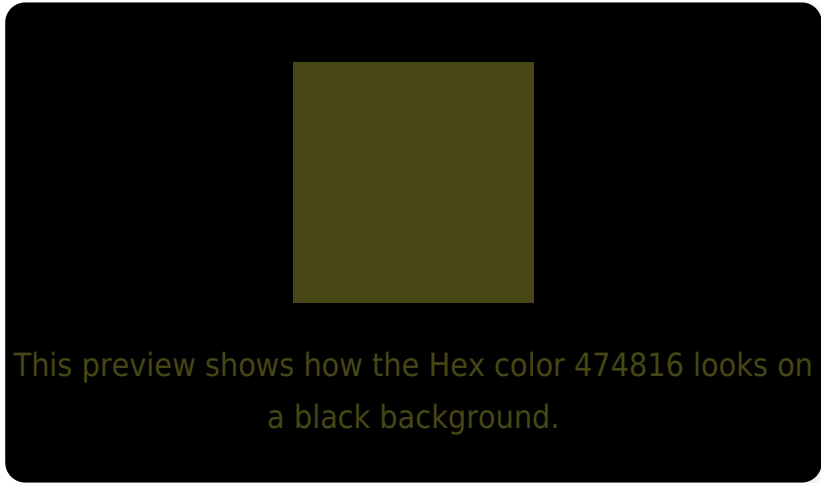
Large Text (above 18pt) WCAG AA ✓ Pass

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

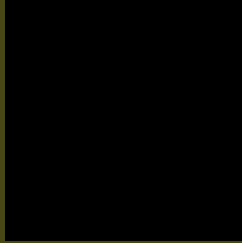
Any Text WCAG AA × Fail

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 474816 Background



This preview shows how black text looks on a background with the Hex color 474816.



This preview shows how white text looks on a background with the Hex color 474816.

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
474816

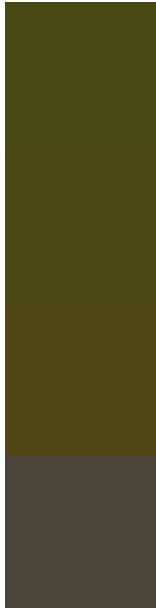
Protanopia
4E4615

Deuteranopia
574218



Tritanopia
4C4349

Trichromacy



Original Color
474816

Protanomaly
4B4715

Deuteranomaly
514417

Tritanomaly
4A4536

Monochromacy



Original Color
474816

Achromatopsia
424242

Achromatomaly
444432

CSS Examples

Text

The CSS property to change the color of the text to Hex 474816 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 #474816 looks like.

```
.text, #text, p{  
    color:#474816  
}
```

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 #474816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474816
}
```

Border

The CSS property to change the border of an element to Hex 474816 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".

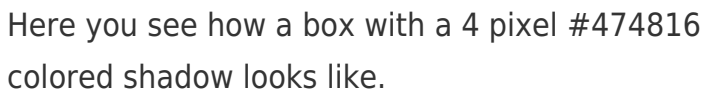
```
.border, #border, table{ border:4px solid
#474816 }
```

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

```
.border{ border-color:#474816 }
```

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

Here you see how a box with a 4 pixel #474816 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that is wider on the right side, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474816; -webkit-box-shadow:4px 4px  
4px 4px #474816; box-shadow:4px 4px 4px  
4px #474816 }
```

Background

The CSS property to change the background color of an element to Hex 474816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474816 }
```

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

```
.background{ background-color:#474816 }
```

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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