

Converting Colors

Hex(474300)

Have a look what the booklet for
Hex(474300) contains.

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Color

Hex(474300)

Conversions

Conversions Part 1

Format	Color
Hex	474300
RGB	71, 67, 0
RGB Percent	28%, 26%, 0%
CMY	0.7216, 0.7373, 1.0000
CMYK	0.00, 0.06, 1.00, 0.72
HSL	57°, 100%, 14%
HSV	57°, 100%, 28%
XYZ	4.6057, 5.3539, 0.7907
YIQ	60.5580, 23.8910, -19.9890

Conversions

Conversions Part 2

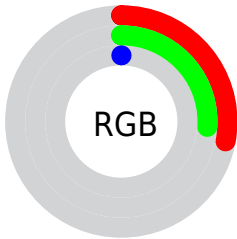
Format	Color
R_{YB}	4, 71, 0
Decimal	4670208
CIE Lab	27.72, -6.16, 36.48
CIE LCh	28, 37.001, 99.586
Yxy	5.3539, 0.4284, 0.4980
Android (android.graphics.Color)	4282860288 (0xFF474300)
YUV	60.5580, -29.8551, 9.1576
Hunter-Lab	23.1385, -4.9622, 14.1710

Details

The Hex color **474300** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000447**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7A7331**, and **171900** is the 20% darker color. If you saturate the color by 10%, you get **474300**, and if you desaturate by 10%, it is **474307**.

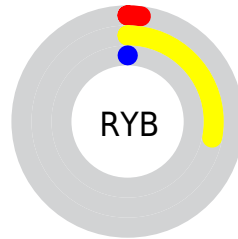
Distribution



Red (28%)

Green (26%)

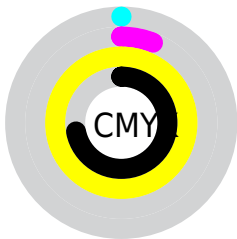
Blue (0%)



Red (2%)

Yellow (28%)

Blue (0%)

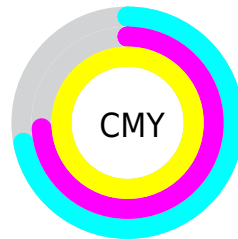


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474300 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 474300 by changing the saturation by 10% instead.

 474300

 474300

 FFFFE9

 2F2D00

 7A7331

 171900

 958C49

 000000

 B0A662

 CDC27C

 E9DD96

 FFFAB1

 FFFFCD

 474300

■ 474307

■ 47440E

■ 474415

■ 47451C

■ 474524

■ 47452B

■ 474632

■ 474639

■ 474740

Harmonies

Analogous

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



5F3907



474300



284A11

Triad

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



474300



004E65



6A2956

Complementary

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



474300



000447

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.



4E366E



474300



004A77

Square

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



474300



004F4A



0E427A



742539

Rectangle

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



474300



004C23



0E427A



632D5F

Sweetspot

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



474300



5C5A40



470005



2E2D1D



ADADAD



2E2E2E

Same Dimension

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



474300



5C5700



284700



242320



635E00



E3D600

Inverse Universe

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



000447



00055C



1F0047



202024



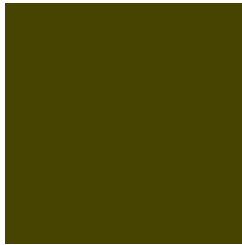
000663



000DE3

Previews

White Background



This preview shows how the Hex color 474300 looks on a white background.

Color Contrast Check

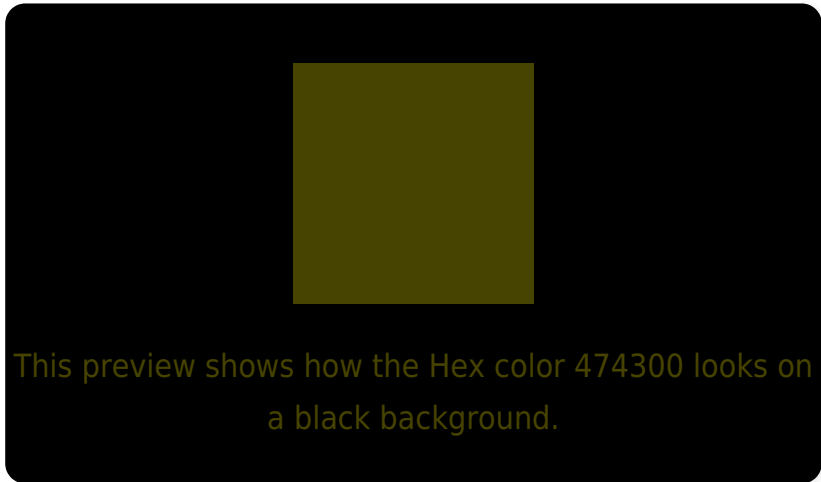
Large Text (above 18pt) WCAG AA ✓ Pass

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

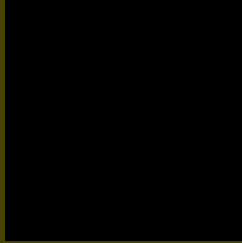
Any Text WCAG AA × Fail

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 474300 Background



This preview shows how black text looks on a background with the Hex color 474300.



This preview shows how white text looks on a background with the Hex color 474300.

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
474300

Protanopia
4A4200

Deuteranopia
533E09



Tritanopia
4B3E43

Trichromacy



Original Color
474300

Protanomaly
494200

Deuteranomaly
4F4006

Tritanomaly
4A402B

Monochromacy



Original Color
474300

Achromatopsia
3D3D3D

Achromatomaly
413F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 474300 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 #474300 looks like.

```
.text, #text, p{  
    color:#474300  
}
```

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 #474300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474300
}
```

Border

The CSS property to change the border of an element to Hex 474300 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
#474300 }
```

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

```
.border{ border-color:#474300 }
```

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

Here you see how a box with a 4 pixel #474300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474300; -webkit-box-shadow:4px 4px  
4px 4px #474300; box-shadow:4px 4px 4px  
4px #474300 }
```

Background

The CSS property to change the background color of an element to Hex 474300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474300 }
```

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

```
.background{ background-color:#474300 }
```

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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