

Converting Colors

Hex(474200)

Have a look what the booklet for
Hex(474200) contains.

Hex(474200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(474200)

Conversions

Conversions Part 1

Format	Color
Hex	474200
RGB	71, 66, 0
RGB Percent	28%, 26%, 0%
CMY	0.7216, 0.7412, 1.0000
CMYK	0.00, 0.07, 1.00, 0.72
HSL	56°, 100%, 14%
HSV	56°, 100%, 28%
XYZ	4.5467, 5.2360, 0.7710
YIQ	59.9710, 24.1660, -19.4660

Conversions

Conversions Part 2

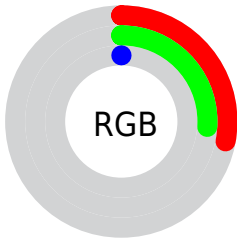
Format	Color
R_{YB}	5, 71, 0
Decimal	4669952
CIE _{Lab}	27.40, -5.55, 36.21
CIE _{LCh}	27, 36.631, 98.714
Yxy	5.2360, 0.4308, 0.4961
Android (android.graphics.Color)	4282860032 (0xFF474200)
YUV	59.9710, -29.5657, 9.6724
Hunter-Lab	22.8824, -4.5760, 14.0199

Details

The Hex color **474200** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000547**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **7A7231**, and **161800** is the 20% darker color. If you saturate the color by 10%, you get **474200**, and if you desaturate by 10%, it is **474307**.

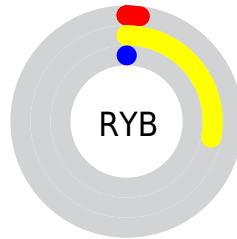
Distribution



Red (28%)

Green (26%)

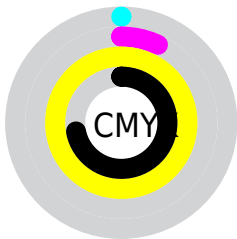
Blue (0%)



Red (2%)

Yellow (28%)

Blue (0%)

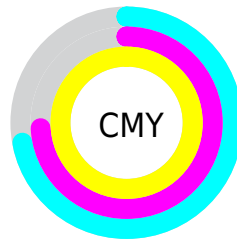


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474200 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 474200 by changing the saturation by 10% instead.

 474200

 474200

 FFFFE9

 2F2C00

 7A7231

 161800

 958B49

 000000

 B0A562

 CDC07B

 E9DC96

 FFF9B1

 FFFFCD

 474200

■ 474307

■ 47430E

■ 474415

■ 47441C

■ 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.



5E3808



474200



294911

Triad

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



474200



004D63



682956

Complementary

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



474200



000547

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.



4C366D



474200



004975

Square

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



474200



004E48



094178



73253A

Rectangle

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



474200



034C22



094178



612D5E

Sweetspot

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



474200



5C5A40



470006



2E2D1D



ADADAD



2E2E2E

Same Dimension

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



474200



5C5500



294700



242320



635C00



E3D300

Inverse Universe

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



000547



00065C



1E0047



202024



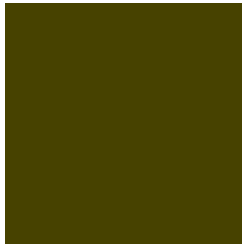
000763



0010E3

Previews

White Background



This preview shows how the Hex color 474200 looks on a white background.

Color Contrast Check

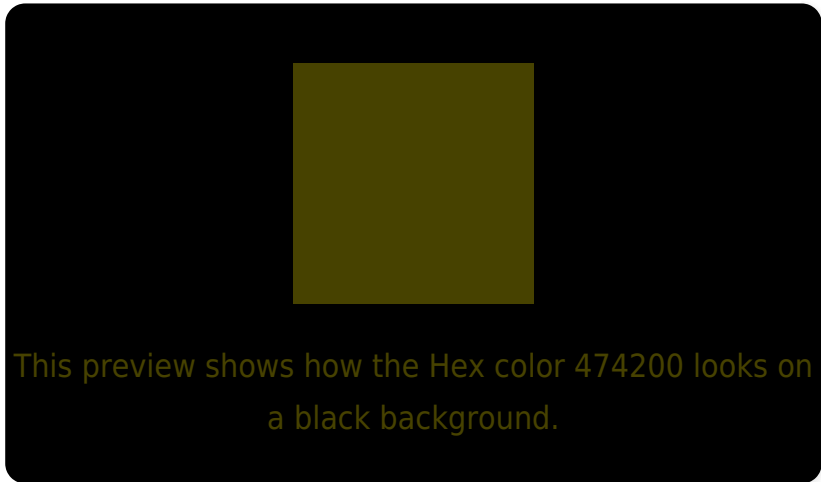
Large Text (above 18pt) WCAG AA ✓ Pass

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

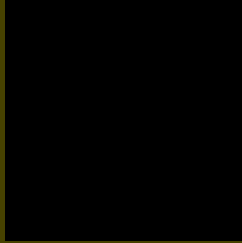
Any Text WCAG AA × Fail

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 474200 Background



This preview shows how black text looks on a background with the Hex color 474200.



This preview shows how white text looks on a background with the Hex color 474200.

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
474200

Protanopia
494100

Deuteranopia
523E09



Tritanopia
4B3D42

Trichromacy



Original Color
474200

Protanomaly
484100

Deuteranomaly
4E3F06

Tritanomaly
4A3F2A

Monochromacy



Original Color
474200

Achromatopsia
3C3C3C

Achromatomaly
403E26

CSS Examples

Text

The CSS property to change the color of the text to Hex 474200 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 #474200 looks like.

```
.text, #text, p{  
    color:#474200  
}
```

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 #474200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474200
}
```

Border

The CSS property to change the border of an element to Hex 474200 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".

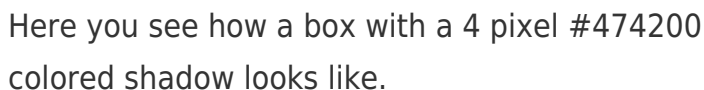
```
.border, #border, table{ border:4px solid
#474200 }
```

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

```
.border{ border-color:#474200 }
```

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

Here you see how a box with a 4 pixel #474200 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474200; -webkit-box-shadow:4px 4px  
4px 4px #474200; box-shadow:4px 4px 4px  
4px #474200 }
```

Background

The CSS property to change the background color of an element to Hex 474200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474200 }
```

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

```
.background{ background-color:#474200 }
```

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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