

Converting Colors

Hex(472F00)

Have a look what the booklet for
Hex(472F00) contains.

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Color

Hex(472F00)

Conversions

Conversions Part 1

Format	Color
Hex	472F00
RGB	71, 47, 0
RGB Percent	28%, 18%, 0%
CMY	0.7216, 0.8157, 1.0000
CMYK	0.00, 0.34, 1.00, 0.72
HSL	40°, 100%, 14%
HSV	40°, 100%, 28%
XYZ	3.6150, 3.3726, 0.4604
YIQ	48.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

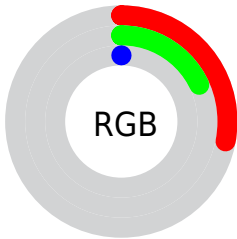
Format	Color
RYB	36, 71, 0
Decimal	4665088
CIELab	21.48, 6.60, 30.45
CIElCh	21, 31.154, 77.760
Yxy	3.3726, 0.4854, 0.4528
Android (android.graphics.Color)	4282855168 (0xFF472F00)
YUV	48.8180, -24.0673, 19.4536
Hunter-Lab	18.3647, 2.9991, 11.3687

Details

The Hex color **472F00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001847**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7B5D2F**, and **150000** is the 20% darker color. If you saturate the color by 10%, you get **472F00**, and if you desaturate by 10%, it is **473107**.

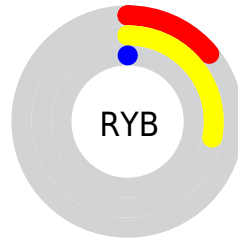
Distribution



Red (28%)

Green (18%)

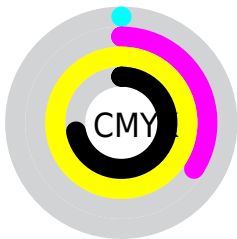
Blue (0%)



Red (14%)

Yellow (28%)

Blue (0%)

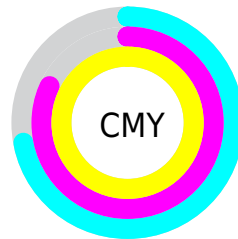


Cyan (0%)

Magenta (34%)

Yellow (100%)

Black (72%)



Cyan (72%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472F00 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 472F00 by changing the saturation by 10% instead.

 472F00

 472F00

 FFFFE4

 2E1A00

 7B5D2F

 150000

 967547

 000000

 B18F5F

 CEA978

 EAC592

 FFE0AD

 FFFDC8

 472F00

■ 473107

■ 47340E

■ 473615

■ 47391C

■ 473B24

■ 473D2B

■ 474032

■ 474239

■ 474540

Harmonies

Analogous

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



562512



472F00



323700

Triad

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



472F00



003E41



462753

Complementary

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



472F00



001847

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.



203160



472F00



003D55

Square

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



472F00



003E29



003961



581E3E

Rectangle

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



472F00



213A0C



003961



3C2B58

Sweetspot

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



472F00



5C5240



470019



2E281D



ADADAD



2E2E2E

Same Dimension

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



472F00



5C3D00



3C4700



242220



634200



E39600

Inverse Universe

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



001847



001F5C



0B0047



202124



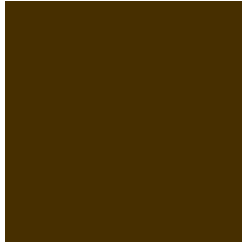
002263



004DE3

Previews

White Background



This preview shows how the Hex color 472F00 looks on a white background.

Color Contrast Check

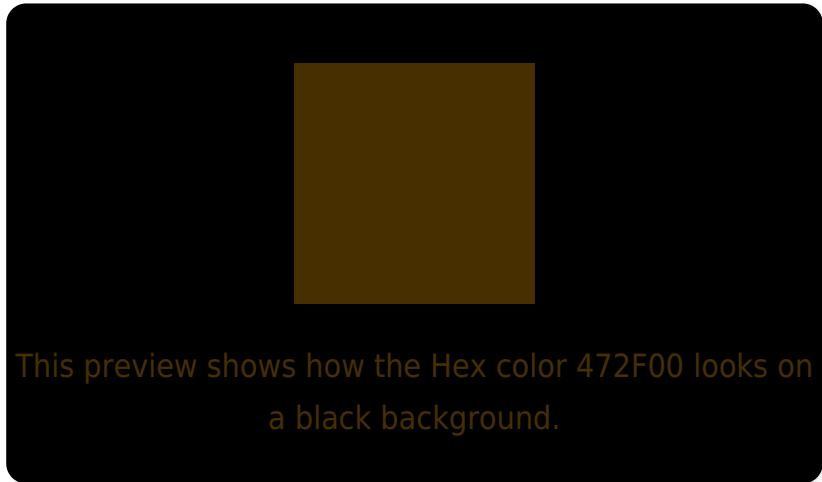
Large Text (above 18pt) WCAG AA ✓ Pass

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

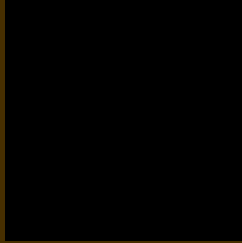
Any Text WCAG AA × Fail

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 472F00 Background



This preview shows how black text looks on a background with the Hex color 472F00.



This preview shows how white text looks on a background with the Hex color 472F00.

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
472F00

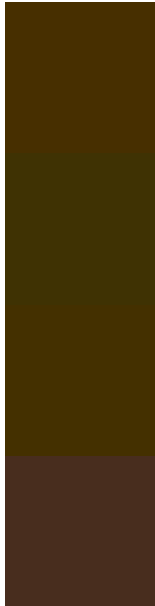
Protanopia
3B3405

Deuteranopia
423100



Tritanopia
492C2F

Trichromacy



Original Color
472F00

Protanomaly
3F3203

Deuteranomaly
443000

Tritanomaly
482D1E

Monochromacy



Original Color
472F00

Achromatopsia
313131

Achromatomaly
39301F

CSS Examples

Text

The CSS property to change the color of the text to Hex 472F00 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 #472F00 looks like.

```
.text, #text, p{  
    color:#472F00  
}
```

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 #472F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472F00
}
```

Border

The CSS property to change the border of an element to Hex 472F00 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
#472F00 }
```

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

```
.border{ border-color:#472F00 }
```

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

Here you see how a box with a 4 pixel #472F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472F00; -webkit-box-shadow:4px 4px  
4px 4px #472F00; box-shadow:4px 4px 4px  
4px #472F00 }
```

Background

The CSS property to change the background color of an element to Hex 472F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472F00 }
```

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

```
.background{ background-color:#472F00 }
```

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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