

Converting Colors

Hex(472007)

Have a look what the booklet for
Hex(472007) contains.

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Color

Hex(472007)

Conversions

Conversions Part 1

Format	Color
Hex	472007
RGB	71, 32, 7
RGB Percent	28%, 13%, 3%
CMY	0.7216, 0.8745, 0.9725
CMYK	0.00, 0.55, 0.90, 0.72
HSL	23°, 82%, 15%
HSV	23°, 90%, 28%
XYZ	3.1534, 2.3880, 0.4957
YIQ	40.8110, 31.2690, 0.4930

Conversions

Conversions Part 2

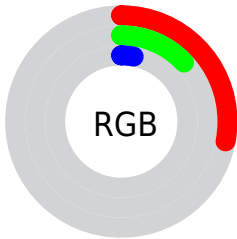
Format	Color
R_{YB}	71, 48, 7
Decimal	4661255
CIE Lab	17.40, 16.68, 22.92
CIE LCh	17, 28.344, 53.951
Yxy	2.3880, 0.5223, 0.3955
Android (android.graphics.Color)	4282851335 (0xFF472007)
YUV	40.8110, -16.6688, 26.4758
Hunter-Lab	15.4530, 9.3825, 8.9151

Details

The Hex color **472007** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **072E47**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7B4D34**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **471C00**, and if you desaturate by 10%, it is **47240E**.

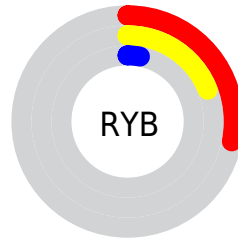
Distribution



Red (28%)

Green (13%)

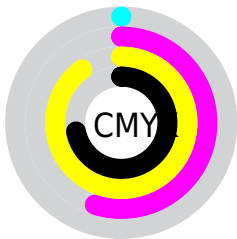
Blue (3%)



Red (28%)

Yellow (19%)

Blue (3%)

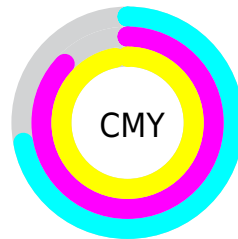


Cyan (0%)

Magenta (55%)

Yellow (90%)

Black (72%)



Cyan (72%)

Magenta (87%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472007 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 472007 by changing the saturation by 10% instead.

 472007

 472007

 FFFFE8

 2E0B00

 7B4D34

 0E0000

 96654B

 000000

 B27E63

 CE987C

 ECB396

 FFCFB1

 FFEBCB

 472007

 472007

■ 471C00

■ 47240E

■ 472915

■ 472D1C

■ 473123

■ 47362B

■ 473A32

■ 473E39

■ 474340

■ 474747

Harmonies

Analogous

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



4F181C



472007



392800

Triad

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



472007



003426



232750

Complementary

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



472007



072E47

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.



002E53



472007



00343B

Square

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



472007



083211



00334B



3F1E43

Rectangle

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



472007



2D2D00



00334B



122A52

Sweetspot

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



472007



5C4D43



47072E



2E251F



ADADAD



2E2E2E

Same Dimension

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



472007



5C2400



474007



242220



632700



E35900

Inverse Universe

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



072E47



00385C



070E47



202224



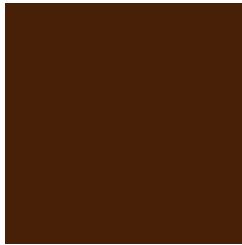
003D63



008AE3

Previews

White Background



This preview shows how the Hex color 472007 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

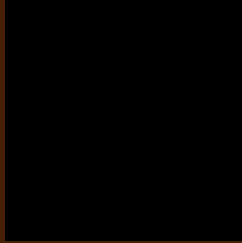
Any Text WCAG AA × Fail

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 472007 Background



This preview shows how black text looks on a background with the Hex color 472007.

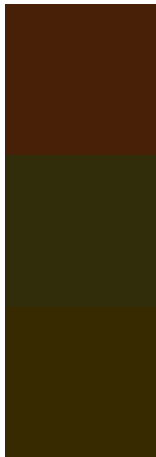


This preview shows how white text looks on a background with the Hex color 472007.

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
472007

Protanopia
312C0A

Deuteranopia
372900



Tritanopia
481E20

Trichromacy



Original Color
472007

Protanomaly
392809

Deuteranomaly
3D2603

Tritanomaly
481F17

Monochromacy



Original Color
472007

Achromatopsia
292929

Achromatomaly
34261D

CSS Examples

Text

The CSS property to change the color of the text to Hex 472007 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 #472007 looks like.

```
.text, #text, p{  
    color:#472007  
}
```

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 #472007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472007
}
```

Border

The CSS property to change the border of an element to Hex 472007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

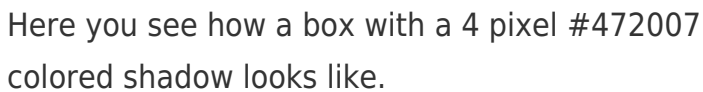
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472007 }
```

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

```
.border{ border-color:#472007 }
```

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



Here you see how a box with a 4 pixel #472007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472007; -webkit-box-shadow:4px 4px  
4px 4px #472007; box-shadow:4px 4px 4px  
4px #472007 }
```

Background

The CSS property to change the background color of an element to Hex 472007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472007 }
```

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

```
.background{ background-color:#472007 }
```

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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