

Converting Colors

Hex(47420E)

Have a look what the booklet for
Hex(47420E) contains.

Hex(47420E)	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(47420E)

Conversions

Conversions Part 1

Format	Color
Hex	47420E
RGB	71, 66, 14
RGB Percent	28%, 26%, 5%
CMY	0.7216, 0.7412, 0.9451
CMYK	0.00, 0.07, 0.80, 0.72
HSL	55°, 67%, 17%
HSV	55°, 80%, 28%
XYZ	4.6260, 5.2677, 1.1884
YIQ	61.5670, 19.6720, -15.1120

Conversions

Conversions Part 2

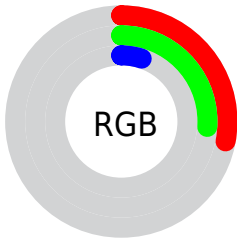
Format	Color
R_YB	19, 71, 14
Decimal	4669966
CIE Lab	27.48, -4.88, 30.61
CIE LCh	27, 30.995, 99.054
Yxy	5.2677, 0.4174, 0.4753
Android (android.graphics.Color)	4282860046 (0xFF47420E)
YUV	61.5670, -23.4505, 8.2727
Hunter-Lab	22.9515, -4.1875, 12.9961

Details

The Hex color **47420E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E1347**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7A723C**, and **181800** is the 20% darker color. If you saturate the color by 10%, you get **474107**, and if you desaturate by 10%, it is **474315**.

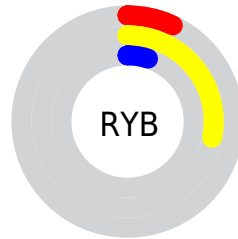
Distribution



Red (28%)

Green (26%)

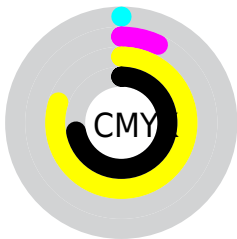
Blue (5%)



Red (7%)

Yellow (28%)

Blue (5%)

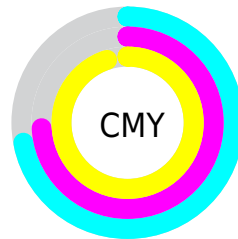


Cyan (0%)

Magenta (7%)

Yellow (80%)

Black (72%)



Cyan (72%)

Magenta (74%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47420E 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 47420E by changing the saturation by 10% instead.

 47420E

 47420E

 FFFFF5

 302C00

 7A723C

 181800

 948B54

 000000

 AFA56D

 CBC086

 E8DCA1

 FFF9BC

 FFFFD8

 47420E

 47420E

■ 474107

■ 474315

■ 474100

■ 47431C

■ 474423

■ 47442A

■ 474532

■ 474639

■ 474640

■ 474747

■ 47484E

Harmonies

Analogous

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



5B3A13



47420E



2D481A

Triad

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



47420E



004C5E



632E52

Complementary

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



47420E



0E1347

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.



4C3866



47420E



00486D

Square

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



47420E



004D48



204170



6C2B3B

Rectangle

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



47420E



154A27



204170



5D315A

Sweetspot

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



47420E



5C5A46



470E14



2E2D21



ADADAD



2E2E2E

Same Dimension

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



47420E



5C5404



30470E



242320



635B00



E3CF00

Inverse Universe

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



0E1347



040B5C



250E47



202024



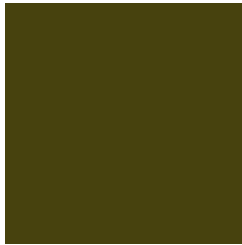
000963



0014E3

Previews

White Background



This preview shows how the Hex color 47420E 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

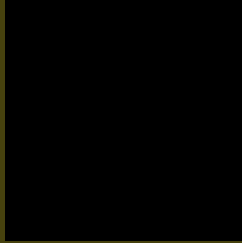
Any Text WCAG AA × Fail

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 47420E Background



This preview shows how black text looks on a background with the Hex color 47420E.



This preview shows how white text looks on a background with the Hex color 47420E.

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
47420E

Protanopia
49410E

Deuteranopia
523E10



Tritanopia
4B3D42

Trichromacy



Original Color
47420E

Protanomaly
48410E

Deuteranomaly
4E3F0F

Tritanomaly
4A3F2F

Monochromacy



Original Color
47420E

Achromatopsia
3E3E3E

Achromatomaly
413F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 47420E 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 #47420E looks like.

```
.text, #text, p{  
    color:#47420E  
}
```

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 #47420E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47420E
}
```

Border

The CSS property to change the border of an element to Hex 47420E is called "border". The border property can be set on classes, ids or directly on the HTML element.

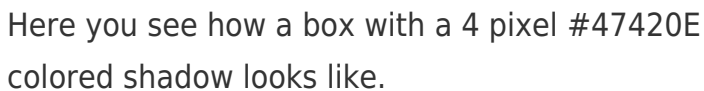
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47420E }
```

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

```
.border{ border-color:#47420E }
```

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



Here you see how a box with a 4 pixel #47420E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47420E; -webkit-box-shadow:4px 4px  
4px 4px #47420E; box-shadow:4px 4px 4px  
4px #47420E }
```

Background

The CSS property to change the background color of an element to Hex 47420E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47420E }
```

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

```
.background{ background-color:#47420E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor