

# Converting Colors

Hex(47410C)

Have a look what the booklet for  
Hex(47410C) contains.

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**Color**

**Hex(47410C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47410C
RGB	71, 65, 12
RGB Percent	28%, 25%, 5%
CMY	0.7216, 0.7451, 0.9529
CMYK	0.00, 0.08, 0.83, 0.72
HSL	54°, 71%, 16%
HSV	54°, 83%, 28%
XYZ	4.5552, 5.1467, 1.1012
YIQ	60.7520, 20.5890, -15.2110

# Conversions

## Conversions Part 2

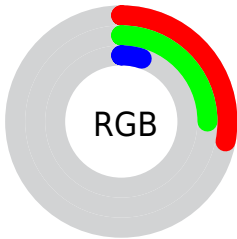
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 71, 12
Decimal	4669708
CIELab	27.15, -4.37, 31.14
CIELCh	27, 31.449, 97.984
Yxy	5.1467, 0.4217, 0.4764
Android (android.graphics.Color)	4282859788 (0xFF47410C)
YUV	60.7520, -24.0347, 8.9875
Hunter-Lab	22.6864, -3.8603, 13.0026

# Details

The Hex color **47410C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C1247**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7A713A**, and **171700** is the 20% darker color. If you saturate the color by 10%, you get **474005**, and if you desaturate by 10%, it is **474213**.

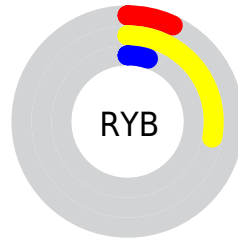
# Distribution



Red (28%)

Green (25%)

Blue (5%)



Red (7%)

Yellow (28%)

Blue (5%)

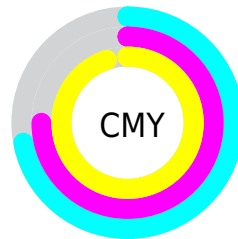


Cyan (0%)

Magenta (8%)

Yellow (83%)

Black (72%)



Cyan (72%)

Magenta (75%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47410C 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 47410C by changing the saturation by 10% instead.



 47410C

 47410C

 FFFFF3

 302B00

 7A713A

 171700

 948A52

 000000

 AFA46B

 CBBF85

 E8DB9F

 FFF7BA

 FFFFD6

 47410C

 47410C

■ 474005

■ 474213

■ 474000

■ 47421A

■ 474321

■ 474428

■ 474530

■ 474537

■ 47463E

■ 474745

■ 47474C

# Harmonies

## Analogous

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



5B3812



47410C



2D4718

# Triad

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



47410C



004B5D



622E53

# Complementary

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



47410C



0C1247

# 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.



4A3766



47410C



00476D

# Square

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



47410C



004C46



1B4170



6C2A3B

# Rectangle

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



47410C



154A25



1B4170



5C305A



# Sweetspot

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



47410C



5C5945



470C13



2E2C20



ADADAD



2E2E2E



# Same Dimension

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



47410C



5C5200



30470C



242320



635900



E3CC00



# Inverse Universe

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



0C1247



00095C



230C47



202024



000A63

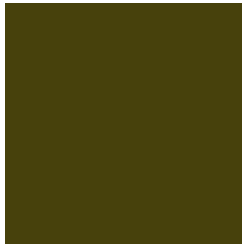


0017E3



# Previews

## White Background



This preview shows how the Hex color 47410C looks on a white background.

## Color Contrast Check

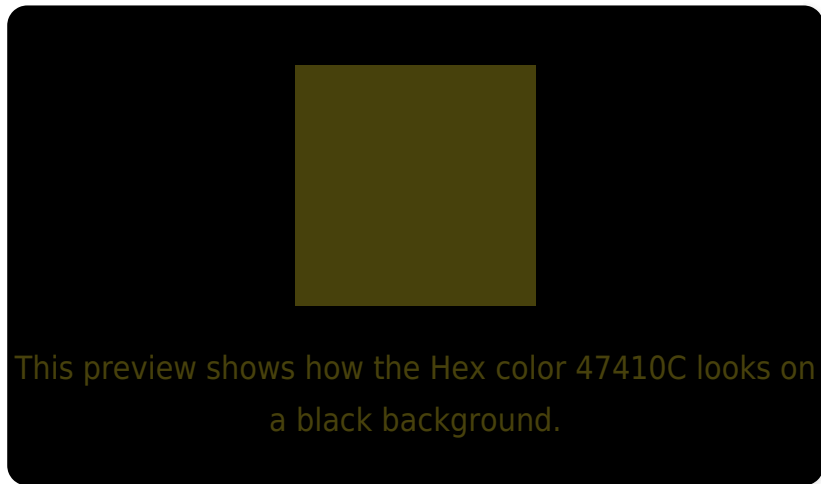
Large Text (above 18pt) WCAG AA ✓ Pass

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

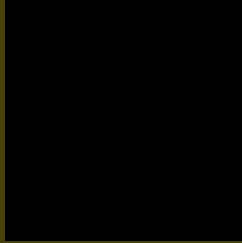
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 47410C Background



This preview shows how black text looks on a background with the Hex color 47410C.



This preview shows how white text looks on a background with the Hex color 47410C.

# 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**  
47410C

**Protanopia**  
48400C

**Deuteranopia**  
513D0E



**Tritanopia**  
4B3D41

# Trichromacy



**Original Color**  
47410C

**Protanomaly**  
48400C

**Deuteranomaly**  
4D3E0D

**Tritanomaly**  
4A3E2E

# Monochromacy



**Original Color**  
47410C

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
413E2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47410C 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 #47410C looks like.

```
.text, #text, p{  
    color:#47410C  
}
```

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 #47410C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47410C
}
```

## Border

The CSS property to change the border of an element to Hex 47410C is called "border". The border property can be set on classes, ids or directly on the HTML element.

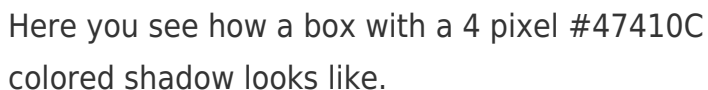
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47410C }
```

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

```
.border{ border-color:#47410C }
```

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



Here you see how a box with a 4 pixel #47410C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47410C; -webkit-box-shadow:4px 4px  
4px 4px #47410C; box-shadow:4px 4px 4px  
4px #47410C }
```

# Background

The CSS property to change the background color of an element to Hex 47410C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47410C }
```

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

```
.background{ background-color:#47410C }
```

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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