

# Converting Colors

Hex(47621C)

Have a look what the booklet for  
Hex(47621C) contains.

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**Color**

**Hex(47621C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	47621C
RGB	71, 98, 28
RGB Percent	28%, 38%, 11%
CMY	0.7216, 0.6157, 0.8902
CMYK	0.28, 0.00, 0.71, 0.62
HSL	83°, 56%, 25%
HSV	83°, 71%, 38%
XYZ	7.1758, 10.1588, 2.6812
YIQ	81.9470, 6.3780, -27.4940

# Conversions

## Conversions Part 2

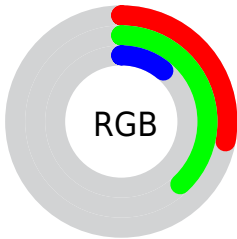
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 98, 55
Decimal	4678172
CIELab	38.13, -21.98, 35.13
CIELCh	38, 41.442, 122.028
Yxy	10.1588, 0.3585, 0.5075
Android (android.graphics.Color)	4282868252 (0xFF47621C)
YUV	81.9470, -26.5959, -9.6005
Hunter-Lab	31.8729, -15.5903, 17.3233

# Details

The Hex color **47621C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **371C62**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7A954C**, and **183300** is the 20% darker color. If you saturate the color by 10%, you get **436212**, and if you desaturate by 10%, it is **4B6226**.

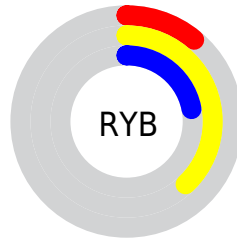
# Distribution



Red (28%)

Green (38%)

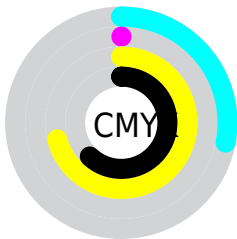
Blue (11%)



Red (11%)

Yellow (38%)

Blue (22%)

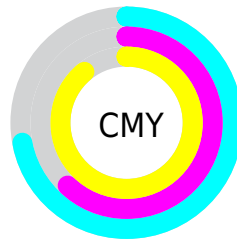


Cyan (28%)

Magenta (0%)

Yellow (71%)

Black (62%)



Cyan (72%)

Magenta (62%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47621C 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 47621C by changing the saturation by 10% instead.



 47621C

 47621C

FFFFFF

 2F4A02

 7A954C

 183300

 94B065

 001F00

 B0CB7F

 000000

 CBE799

 E8FFB4

 FFFFD0

 FFFFEC

 47621C

 47621C

■ 436212

■ 4B6226

■ 3F6208

■ 4F6230

■ 3C6200

■ 526239

■ 566243

■ 5A624D

■ 5E6257

■ 616261

■ 65626A

■ 696274

# Harmonies

## Analogous

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



69590F



47621C



0D6739

# Triad

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



47621C



006595



953A59

# Complementary

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



47621C



371C62

# 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.



84427A



47621C



005D9D

# Square

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



47621C



00697C



5D5093



943F38

# Rectangle

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



47621C



00694F



5D5093



923B64



# Sweetspot

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



47621C



758065



62371C



3A4030



BFBFBF



404040



# Same Dimension

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



47621C



558012



24621C



2F302C



457000



93F000



# Inverse Universe

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



371C62



3C1280



5A1C62



2D2C30



2B0070

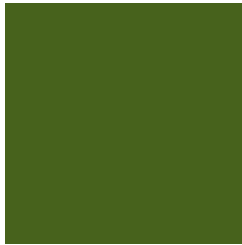


5C00F0



# Previews

## White Background



This preview shows how the Hex color 47621C looks on a white background.

## Color Contrast Check

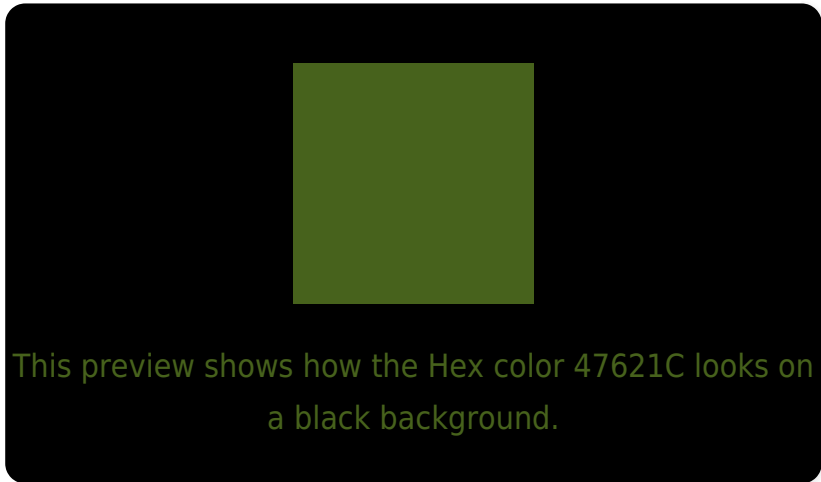
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

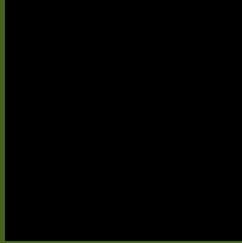
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47621C Background



This preview shows how black text looks on a background with the Hex color 47621C.



This preview shows how white text looks on a background with the Hex color 47621C.

# 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**  
47621C

**Protanopia**  
645A1A

**Deuteranopia**  
705521



**Tritanopia**  
505B63

# Trichromacy



**Original Color**  
47621C

**Protanomaly**  
595D1B

**Deuteranomaly**  
615A1F

**Tritanomaly**  
4D5E49

# Monochromacy



**Original Color**  
47621C

**Achromatopsia**  
525252

**Achromatomaly**  
4E583E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47621C 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 #47621C looks like.

```
.text, #text, p{  
    color:#47621C  
}
```

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 #47621C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47621C
}
```

## Border

The CSS property to change the border of an element to Hex 47621C 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".

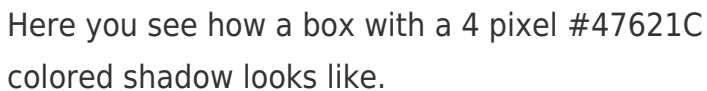
```
.border, #border, table{ border:4px solid
#47621C }
```

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

```
.border{ border-color:#47621C }
```

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

Here you see how a box with a 4 pixel #47621C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47621C; -webkit-box-shadow:4px 4px  
4px 4px #47621C; box-shadow:4px 4px 4px  
4px #47621C }
```

# Background

The CSS property to change the background color of an element to Hex 47621C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47621C }
```

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

```
.background{ background-color:#47621C }
```

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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