

# Converting Colors

Hex(474D17)

Have a look what the booklet for  
Hex(474D17) contains.

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**Color**

**Hex(474D17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	474D17
RGB	71, 77, 23
RGB Percent	28%, 30%, 9%
CMY	0.7216, 0.6980, 0.9098
CMYK	0.08, 0.00, 0.70, 0.70
HSL	67°, 54%, 20%
HSV	67°, 70%, 30%
XYZ	5.4071, 6.7092, 1.8206
YIQ	69.0500, 13.7580, -18.0660

# Conversions

## Conversions Part 2

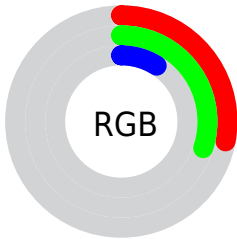
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 77, 29
Decimal	4672791
CIELab	31.14, -10.87, 30.13
CIELCh	31, 32.027, 109.843
Yxy	6.7092, 0.3880, 0.4814
Android (android.graphics.Color)	4282862871 (0xFF474D17)
YUV	69.0500, -22.7026, 1.7102
Hunter-Lab	25.9021, -8.0669, 13.9641

# Details

The Hex color **474D17** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1D174D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **797E45**, and **192100** is the 20% darker color. If you saturate the color by 10%, you get **464D0F**, and if you desaturate by 10%, it is **484D1F**.

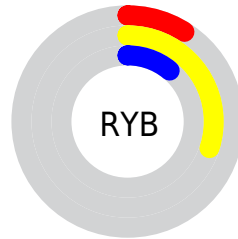
# Distribution



Red (28%)

Green (30%)

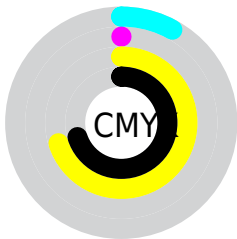
Blue (9%)



Red (9%)

Yellow (30%)

Blue (11%)

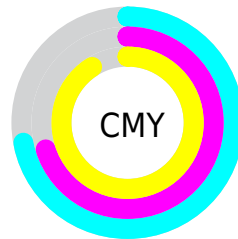


Cyan (8%)

Magenta (0%)

Yellow (70%)

Black (70%)



Cyan (72%)

Magenta (70%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474D17 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 474D17 by changing the saturation by 10% instead.





474D17



474D17

FFFFFF



303600



797E45



192100



93985E



000800



AFB277



000000



CACE91



E7EAAB



FFFFC7



FFFFE3



474D17



474D17

■ 464D0F

■ 484D1F

■ 454D08

■ 494D26

■ 444D00

■ 4A4D2E

■ 4A4D36

■ 4B4D3E

■ 4C4D45

■ 4D4D4D

■ 4E4D55

■ 4F4D5C

# Harmonies

## Analogous

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



5E4516



474D17



295228

# Triad

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



474D17



00546F



733453

# Complementary

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



474D17



1D174D

# 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.



603C6A



474D17



004E7A

# Square

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



474D17



005659



3C4678



77343A

# Rectangle

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



474D17



045437



3C4678



6E365B



# Sweetspot

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



474D17



61634F



4D1C17



323326



B3B3B3



333333



# Same Dimension

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



474D17



5A6310



2D4D17



262622



5B6600



CCE600



# Inverse Universe

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



1D174D



191063



37174D



232226



0B0066



1A00E6



# Previews

## White Background



This preview shows how the Hex color 474D17 looks on a white background.

## Color Contrast Check

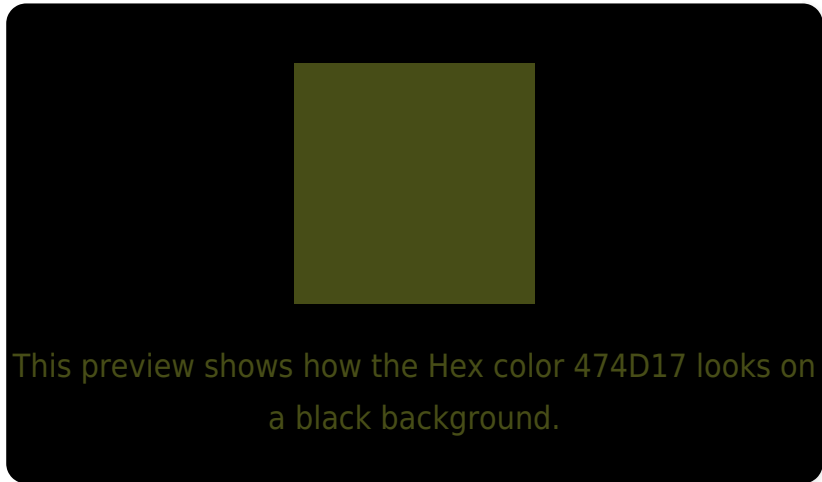
Large Text (above 18pt) WCAG AA ✓ Pass

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

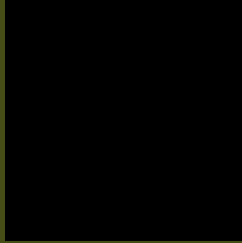
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 474D17 Background



This preview shows how black text looks on a background with the Hex color 474D17.



This preview shows how white text looks on a background with the Hex color 474D17.

# 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**  
474D17

**Protanopia**  
524916

**Deuteranopia**  
5C461A



**Tritanopia**  
4C484E

# Trichromacy



**Original Color**  
474D17

**Protanomaly**  
4E4A16

**Deuteranomaly**  
544919

**Tritanomaly**  
4A4A3A

# Monochromacy



**Original Color**  
474D17

**Achromatopsia**  
454545

**Achromatomaly**  
464834

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474D17 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 #474D17 looks like.

```
.text, #text, p{  
    color:#474D17  
}
```

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 #474D17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474D17
}
```

## Border

The CSS property to change the border of an element to Hex 474D17 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
#474D17 }
```

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

```
.border{ border-color:#474D17 }
```

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

Here you see how a box with a 4 pixel #474D17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474D17; -webkit-box-shadow:4px 4px  
4px 4px #474D17; box-shadow:4px 4px 4px  
4px #474D17 }
```

# Background

The CSS property to change the background color of an element to Hex 474D17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474D17 }
```

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

```
.background{ background-color:#474D17 }
```

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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