

# Converting Colors

Hex(474B05)

Have a look what the booklet for  
Hex(474B05) contains.

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**Color**

**Hex(474B05)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	474B05
RGB	71, 75, 5
RGB Percent	28%, 29%, 2%
CMY	0.7216, 0.7059, 0.9804
CMYK	0.05, 0.00, 0.93, 0.71
HSL	63°, 88%, 16%
HSV	63°, 93%, 29%
XYZ	5.1420, 6.3827, 1.1046
YIQ	65.8240, 20.0860, -22.6180

# Conversions

## Conversions Part 2

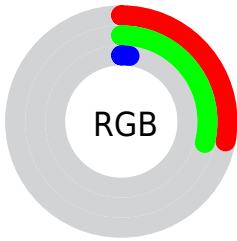
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	5, 75, 9
Decimal	4672261
CIE Lab	30.36, -10.72, 36.63
CIE LCh	30, 38.168, 106.305
Yxy	6.3827, 0.4071, 0.5054
Android (android.graphics.Color)	4282862341 (0xFF474B05)
YUV	65.8240, -29.9862, 4.5394
Hunter-Lab	25.2640, -7.8818, 15.0926

# Details

The Hex color **474B05** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **09054B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **7A7C37**, and **171F00** is the 20% darker color. If you saturate the color by 10%, you get **474B00**, and if you desaturate by 10%, it is **474B0D**.

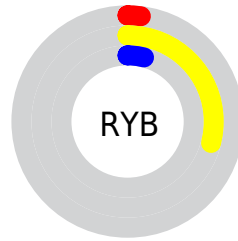
# Distribution



Red (28%)

Green (29%)

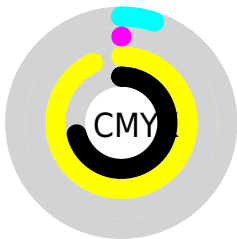
Blue (2%)



Red (2%)

Yellow (29%)

Blue (4%)

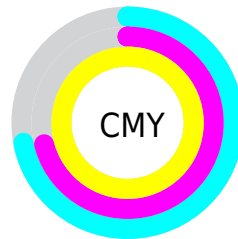


Cyan (5%)

Magenta (0%)

Yellow (93%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474B05 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 474B05 by changing the saturation by 10% instead.



 474B05

 474B05

 FFFFF0

 303400

 7A7C37

 171F00

 95954F

 000200

 B0B068

 000000

 CCCB82

 E9E79D

 FFFFB8

 FFFF4D

 474B05

 474B05

■ 474B00

■ 474B0D

■ 484B14

■ 484B1C

■ 494B23

■ 494B2B

■ 4A4B32

■ 4A4B3A

■ 4A4B41

■ 4B4B49

# Harmonies

## Analogous

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



624107



474B05



24511B

# Triad

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



474B05



005472



762D56

# Complementary

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



474B05



09054B

# 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.



5D3871



474B05



004F81

# Square

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



474B05



005557



2B4581



7D2B39

# Rectangle

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



474B05



00542E



2B4581



703060



# Sweetspot

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



474B05



5F6146



4B0905



303020



B0B0B0



303030



# Same Dimension

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



474B05



5B6100



244B05



262622



606600



D8E600



# Inverse Universe

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



09054B



060061



2B054B



232226



060066

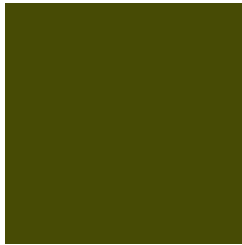


0D00E6



# Previews

## White Background



This preview shows how the Hex color 474B05 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

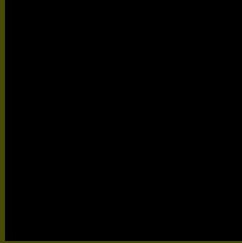
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 474B05 Background



This preview shows how black text looks on a background with the Hex color 474B05.



This preview shows how white text looks on a background with the Hex color 474B05.

# 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**  
474B05

**Protanopia**  
514802

**Deuteranopia**  
5A440D



**Tritanopia**  
4C464B

# Trichromacy



**Original Color**  
474B05

**Protanomaly**  
4D4903

**Deuteranomaly**  
53470A

**Tritanomaly**  
4A4832

# Monochromacy



**Original Color**  
474B05

**Achromatopsia**  
424242

**Achromatomaly**  
44452C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474B05 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 #474B05 looks like.

```
.text, #text, p{  
    color:#474B05  
}
```

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 #474B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474B05
}
```

## Border

The CSS property to change the border of an element to Hex 474B05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

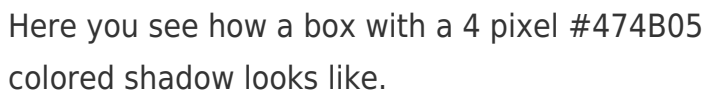
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474B05 }
```

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

```
.border{ border-color:#474B05 }
```

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



Here you see how a box with a 4 pixel #474B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474B05; -webkit-box-shadow:4px 4px  
4px 4px #474B05; box-shadow:4px 4px 4px  
4px #474B05 }
```

# Background

The CSS property to change the background color of an element to Hex 474B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474B05 }
```

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

```
.background{ background-color:#474B05 }
```

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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