

# Converting Colors

Hex(4D450F)

Have a look what the booklet for  
Hex(4D450F) contains.

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**Color**

**Hex(4D450F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D450F
RGB	77, 69, 15
RGB Percent	30%, 27%, 6%
CMY	0.6980, 0.7294, 0.9412
CMYK	0.00, 0.10, 0.81, 0.70
HSL	52°, 67%, 18%
HSV	52°, 81%, 30%
XYZ	5.2749, 5.8685, 1.3067
YIQ	65.2360, 22.1020, -15.0980

# Conversions

## Conversions Part 2

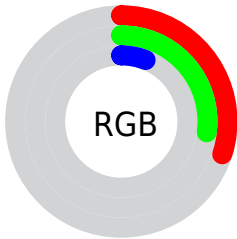
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 77, 15
Decimal	5063951
CIE Lab	29.08, -3.58, 31.93
CIE LCh	29, 32.132, 96.403
Yxy	5.8685, 0.4237, 0.4714
Android (android.graphics.Color)	4283254031 (0xFF4D450F)
YUV	65.2360, -24.7663, 10.3170
Hunter-Lab	24.2250, -3.5260, 13.7595

# Details

The Hex color **4D450F** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F174D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **80753D**, and **1D1A00** is the 20% darker color. If you saturate the color by 10%, you get **4D4407**, and if you desaturate by 10%, it is **4D4617**.

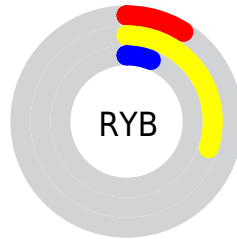
# Distribution



 Red (30%)

 Green (27%)

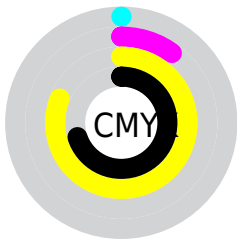
 Blue (6%)



 Red (9%)

 Yellow (30%)

 Blue (6%)

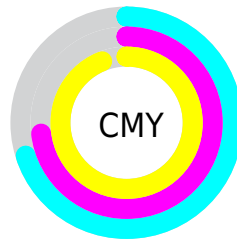



 Cyan (0%)

 Magenta (10%)

 Yellow (81%)

 Black (70%)



 Cyan (70%)

 Magenta (73%)

 Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D450F 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 4D450F by changing the saturation by 10% instead.



 4D450F

 4D450F

 FFFFF7

 362F00

 80753D

 1D1A00

 9B8E56

 000000

 B7A96E

 D3C488

 F0E0A3

 FFFCBE

 FFFFDA

 4D450F

 4D450F

■ 4D4407

■ 4D4617

■ 4D4300

■ 4D471E

■ 4D4826

■ 4D492E

■ 4D4A36

■ 4D4B3D

■ 4D4C45

■ 4D4D4D

■ 4D4E54

# Harmonies

## Analogous

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



623C16



4D450F



334B1A

# Triad

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



4D450F



005061



673259

# Complementary

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



4D450F



0F174D

# 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.



4D3C6D



4D450F



004C72

# Square

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



4D450F



005149



1B4676



722E40

# Rectangle

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



4D450F



1B4E28



1B4676



603560



# Sweetspot

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



4D450F



63604C



4D0F17



333124



B3B3B3



333333



# Same Dimension

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



4D450F



635703



364D0F



262622



665900



E6C800



# Inverse Universe

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



0F174D



030F63



260F4D



222326



000D66

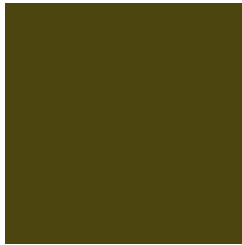


001EE6



# Previews

## White Background



This preview shows how the Hex color 4D450F looks on a white background.

## Color Contrast Check

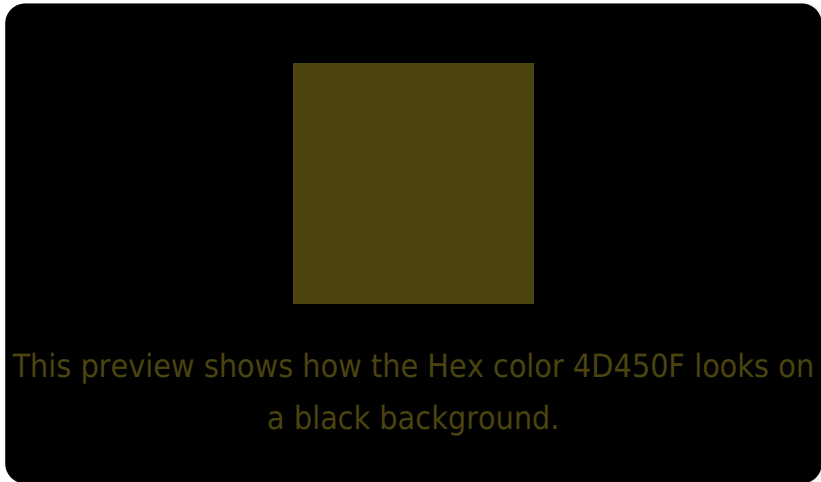
Large Text (above 18pt) WCAG AA ✓ Pass

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

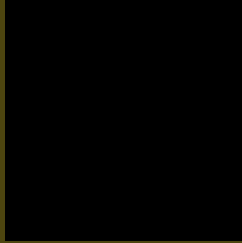
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D450F Background



This preview shows how black text looks on a background with the Hex color 4D450F.



This preview shows how white text looks on a background with the Hex color 4D450F.

# 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**  
4D450F

**Protanopia**  
4D450F

**Deuteranopia**  
564111



**Tritanopia**  
514045

# Trichromacy



**Original Color**  
4D450F

**Protanomaly**  
4D450F

**Deuteranomaly**  
534210

**Tritanomaly**  
504231

# Monochromacy



**Original Color**  
4D450F

**Achromatopsia**  
414141

**Achromatomaly**  
45422F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D450F 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 #4D450F looks like.

```
.text, #text, p{  
    color:#4D450F  
}
```

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 #4D450F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D450F
}
```

## Border

The CSS property to change the border of an element to Hex 4D450F 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".

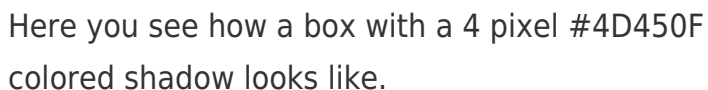
```
.border, #border, table{ border:4px solid
#4D450F }
```

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

```
.border{ border-color:#4D450F }
```

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

Here you see how a box with a 4 pixel #4D450F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D450F; -webkit-box-shadow:4px 4px  
4px 4px #4D450F; box-shadow:4px 4px 4px  
4px #4D450F }
```

# Background

The CSS property to change the background color of an element to Hex 4D450F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D450F }
```

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

```
.background{ background-color:#4D450F }
```

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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