

# Converting Colors

Hex(11450C)

Have a look what the booklet for  
Hex(11450C) contains.

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# Color

Hex(11450C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	11450C
RGB	17, 69, 12
RGB Percent	7%, 27%, 5%
CMY	0.9333, 0.7294, 0.9529
CMYK	0.75, 0.00, 0.83, 0.73
HSL	115°, 70%, 16%
HSV	115°, 83%, 27%
XYZ	2.4256, 4.4020, 1.0696
YIQ	46.9540, -12.6950, -28.7510

# Conversions

## Conversions Part 2

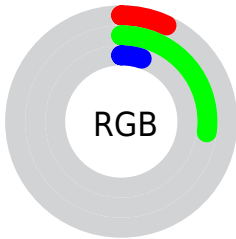
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 69, 64
Decimal	1131788
CIELab	24.96, -29.34, 27.78
CIELCh	25, 40.404, 136.556
Yxy	4.4020, 0.3072, 0.5574
Android (android.graphics.Color)	4279321868 (0xFF11450C)
YUV	46.9540, -17.2323, -26.2697
Hunter-Lab	20.9808, -16.0796, 11.6639

# Details

The Hex color **11450C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **400C45**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **45763A**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **0B4505**, and if you desaturate by 10%, it is **174513**.

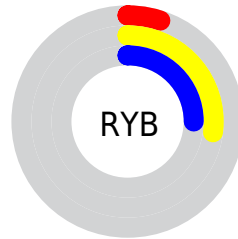
# Distribution



Red (7%)

Green (27%)

Blue (5%)



Red (5%)

Yellow (27%)

Blue (25%)

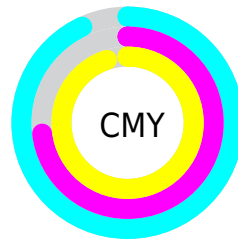


Cyan (75%)

Magenta (0%)

Yellow (83%)

Black (73%)



Cyan (93%)

Magenta (73%)


Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11450C 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 11450C by changing the saturation by 10% instead.



 11450C

 11450C

 FFFFF2

 002E00

 45763A

 001A00

 5E9052

 000000


 78AB6A


 92C684

 AEE29E

 CAFFBA

 E6FFD5

 11450C

 11450C

■ 0B4505

■ 174513

■ 064500

■ 1E451A

■ 244521

■ 2A4528

■ 30452F

■ 374535

■ 3D453C

■ 434543

■ 4A454A

# Harmonies

## Analogous

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



393F00



11450C



00482C

# Triad

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



11450C



004377



711A2C

# Complementary

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



11450C



400C45

# 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.



6A1C4A



11450C



153976

# Square

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



11450C



004867



512B66



68270F

# Rectangle

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



11450C



004941



512B66



701836



# Sweetspot

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



11450C



455943



453F0C



212E20



ADADAD



2E2E2E



# Same Dimension

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



11450C



095901



0C4523



202420



096300



14E300



# Inverse Universe

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



400C45



510159



450C2E



232024



5B0063

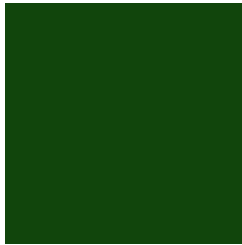


CF00E3



# Previews

## White Background



This preview shows how the Hex color 11450C looks on a white background.

## Color Contrast Check

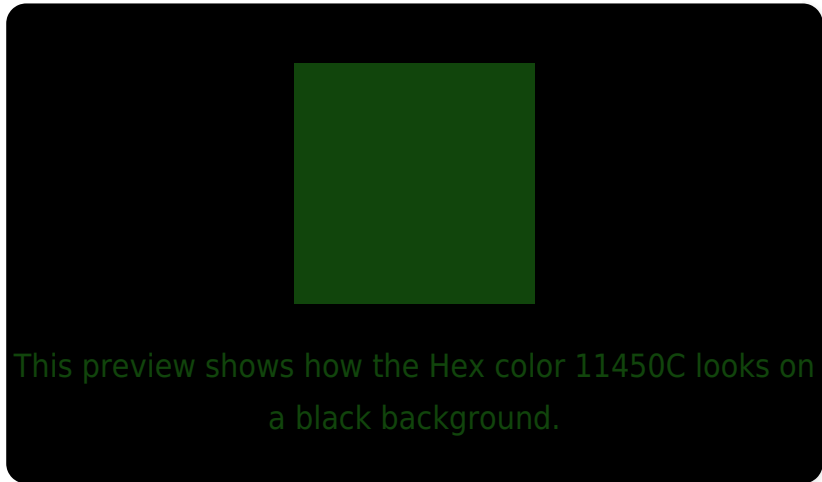
Large Text (above 18pt) WCAG AA ✓ Pass

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

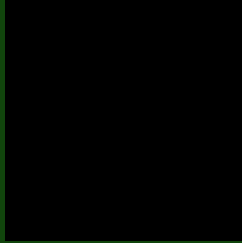
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 11450C Background



This preview shows how black text looks on a background with the Hex color 11450C.



This preview shows how white text looks on a background with the Hex color 11450C.

# 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**  
11450C

**Protanopia**  
433C09

**Deuteranopia**  
4A3813



# Trichromacy



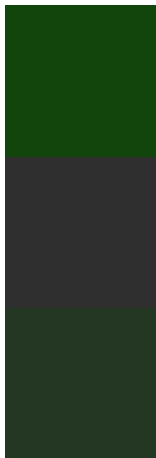
**Original Color**  
11450C

**Protanomaly**  
313F0A

**Deuteranomaly**  
353D10

**Tritanomaly**  
1B4230

# Monochromacy



**Original Color**  
11450C

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
243722

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11450C 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 #11450C looks like.

```
.text, #text, p{  
    color:#11450C  
}
```

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 #11450C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11450C
}
```

## Border

The CSS property to change the border of an element to Hex 11450C 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".

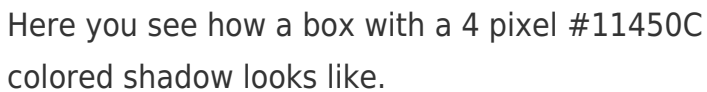
```
.border, #border, table{ border:4px solid
#11450C }
```

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

```
.border{ border-color:#11450C }
```

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

Here you see how a box with a 4 pixel #11450C colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11450C; -webkit-box-shadow:4px 4px  
4px 4px #11450C; box-shadow:4px 4px 4px  
4px #11450C }
```

# Background

The CSS property to change the background color of an element to Hex 11450C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11450C }
```

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

```
.background{ background-color:#11450C }
```

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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