

# Converting Colors

Hex(443E13)

Have a look what the booklet for  
Hex(443E13) contains.

<b>Hex(443E13)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(443E13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	443E13
RGB	68, 62, 19
RGB Percent	27%, 24%, 7%
CMY	0.7333, 0.7569, 0.9255
CMYK	0.00, 0.09, 0.72, 0.73
HSL	53°, 56%, 17%
HSV	53°, 72%, 27%
XYZ	4.2241, 4.7212, 1.3047
YIQ	58.8920, 17.3790, -12.1010

# Conversions

## Conversions Part 2

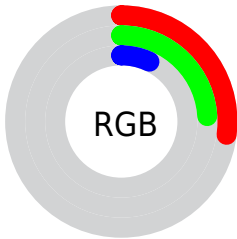
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 68, 19
Decimal	4472339
CIELab	25.93, -3.61, 26.52
CIELCh	26, 26.762, 97.744
Yxy	4.7212, 0.4121, 0.4606
Android (android.graphics.Color)	4282662419 (0xFF443E13)
YUV	58.8920, -19.6668, 7.9877
Hunter-Lab	21.7283, -3.3236, 11.6496

# Details

The Hex color **443E13** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **131944**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **766D40**, and **151400** is the 20% darker color. If you saturate the color by 10%, you get **443D0C**, and if you desaturate by 10%, it is **443F1A**.

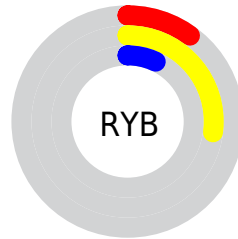
# Distribution



Red (27%)

Green (24%)

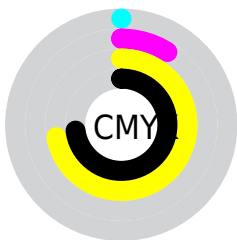
Blue (7%)



Red (10%)

Yellow (27%)

Blue (7%)

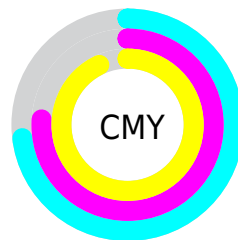


Cyan (0%)

Magenta (9%)

Yellow (72%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 443E13 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 443E13 by changing the saturation by 10% instead.



 443E13

 443E13

 FFFFF9

 2E2800

 766D40

 151400

 908758

 000000

 ABA170

 C7BC8A

 E3D7A5

 FFF4C0

 FFFFDC

 443E13

 443E13

■ 443D0C

■ 443F1A

■ 443C05

■ 444021

■ 443C00

■ 444027

■ 44412E

■ 444235

■ 44433C

■ 444443

■ 444549

■ 444550

# Harmonies

## Analogous

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



553717



443E13



2E431C

# Triad

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



443E13



004756



5A2E4D

# Complementary

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



443E13



131944

# 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.



46365E



443E13



004463

# Square

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



443E13



004842



223E66



632C39

# Rectangle

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



443E13



1C4627



223E66



553153



# Sweetspot

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



443E13



595746



44131A



2E2C22



ADADAD



2E2E2E



# Same Dimension

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



443E13



59500C



324413



21211E



615500



E0C500



# Inverse Universe

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



131944



0C1659



251344



1E1E21



000C61

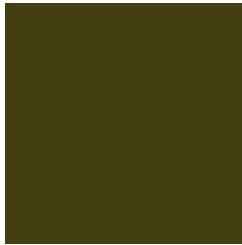


001BE0



# Previews

## White Background



This preview shows how the Hex color 443E13 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

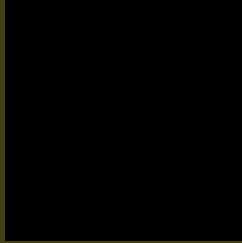
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 443E13 Background



This preview shows how black text looks on a background with the Hex color 443E13.



This preview shows how white text looks on a background with the Hex color 443E13.

# 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**  
443E13

**Protanopia**  
453E13

**Deuteranopia**  
4D3A14



**Tritanopia**  
473A3E

# Trichromacy



**Original Color**  
443E13

**Protanomaly**  
453E13

**Deuteranomaly**  
4A3B14

**Tritanomaly**  
463B2E

# Monochromacy



**Original Color**  
443E13

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3E3C2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 443E13 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 #443E13 looks like.

```
.text, #text, p{  
    color:#443E13  
}
```

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 #443E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #443E13  
}
```

## Border

The CSS property to change the border of an element to Hex 443E13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

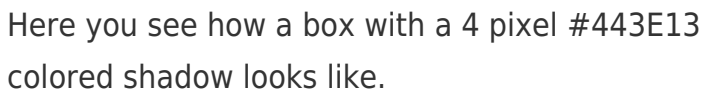
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#443E13 }
```

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

```
.border{ border-color:#443E13 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a solid dark blue color, approximately 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #443E13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #443E13; -webkit-box-shadow:4px 4px  
4px 4px #443E13; box-shadow:4px 4px 4px  
4px #443E13 }
```

# Background

The CSS property to change the background color of an element to Hex 443E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#443E13 }
```

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

```
.background{ background-color:#443E13 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor