

# Converting Colors

Hex(433A2D)

Have a look what the booklet for  
Hex(433A2D) contains.

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# Color

**Hex(433A2D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	433A2D
RGB	67, 58, 45
RGB Percent	26%, 23%, 18%
CMY	0.7373, 0.7725, 0.8235
CMYK	0.00, 0.13, 0.33, 0.74
HSL	35°, 20%, 22%
HSV	35°, 33%, 26%
XYZ	4.3014, 4.4089, 3.1069
YIQ	59.2090, 9.5370, -2.1350

# Conversions

## Conversions Part 2

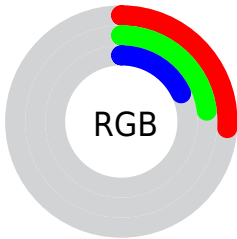
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 67, 45
Decimal	4405805
CIE Lab	24.98, 1.55, 9.54
CIE LCh	25, 9.663, 80.797
Yxy	4.4089, 0.3640, 0.3731
Android (android.graphics.Color)	4282595885 (0xFF433A2D)
YUV	59.2090, -7.0050, 6.8327
Hunter-Lab	20.9973, -0.1783, 5.9251

# Details

The Hex color **433A2D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D3643**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **73695B**, and **190F00** is the 20% darker color. If you saturate the color by 10%, you get **433726**, and if you desaturate by 10%, it is **433D34**.

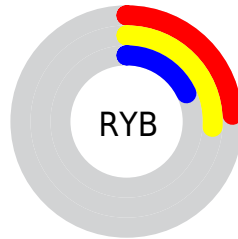
# Distribution



Red (26%)

Green (23%)

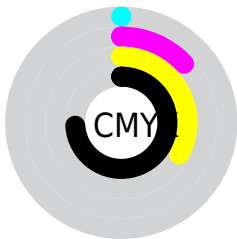
Blue (18%)



Red (24%)

Yellow (26%)

Blue (18%)

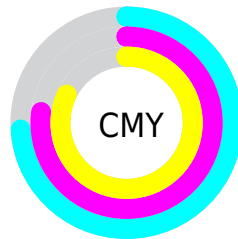


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (74%)



Cyan (74%)

Magenta (77%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 433A2D 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 433A2D by changing the saturation by 10% instead.



■ 433A2D

■ 433A2D

FFFFFF

■ 2D2418

■ 73695B

■ 190F00

■ 8D8273

■ 000000

■ A89C8D

■ C3B7A7

■ DFD3C2

■ FCEFDE

■ FFFFFB

■ 433A2D

■ 433A2D

■ 433726

■ 433D34

■ 433520

■ 433F3A

■ 433219

■ 434241

■ 432F12

■ 434548

■ 432C0B

■ 43484F

■ 432A05

■ 434A55

■ 432800

■ 434D5C

■ 435063

■ 435369

# Harmonies

## Analogous

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



483830



433A2D



3B3C2E

# Triad

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



433A2D



273F40



433845

# Complementary

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



433A2D



2D3643

# 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.



3A3A49



433A2D



293E46

# Square

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



433A2D



2C3F39



303D49



48363E

# Rectangle

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



433A2D



363E30



303D49



403946



# Sweetspot

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



433A2D



57534E



432D36



2B2926



ABABAB



2B2B2B



# Same Dimension

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



433A2D



574935



41432D



21201E



613900



E08500



# Inverse Universe

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



2D3643



354357



2F2D43



1E1F21



002861

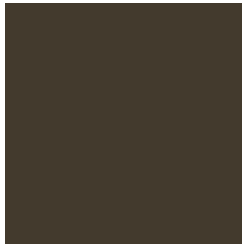


005CE0



# Previews

## White Background



This preview shows how the Hex color 433A2D looks on a white background.

## Color Contrast Check

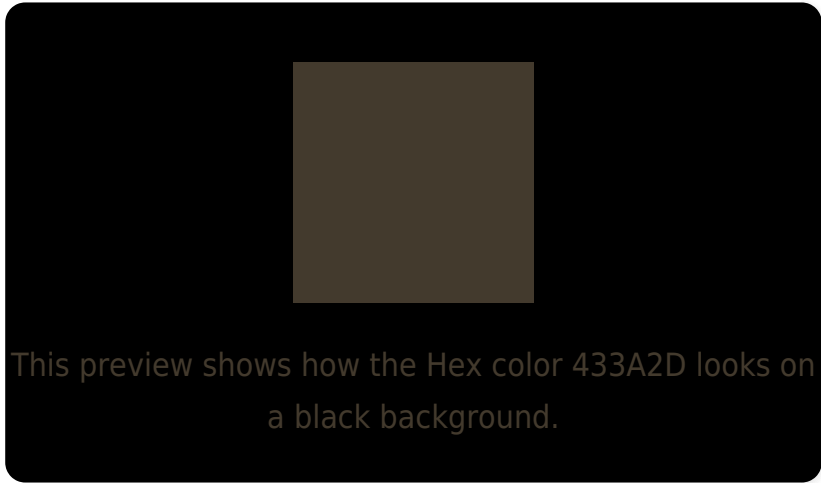
Large Text (above 18pt) WCAG AA ✓ Pass

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

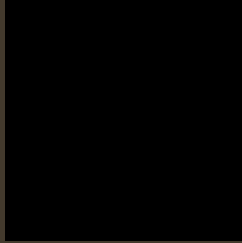
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 433A2D Background



This preview shows how black text looks on a background with the Hex color 433A2D.

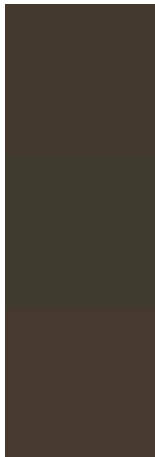


This preview shows how white text looks on a background with the Hex color 433A2D.

# 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](#).

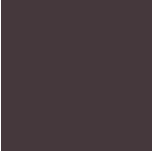
## Dichromacy



**Original Color**  
433A2D

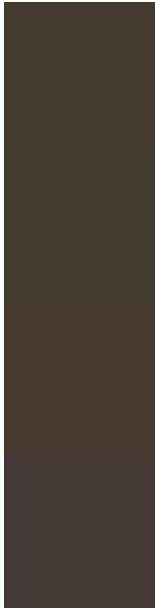
**Protanopia**  
3F3B2E

**Deuteranopia**  
46392D



**Tritanopia**  
45383C

# Trichromacy



**Original Color**  
433A2D

**Protanomaly**  
403B2E

**Deuteranomaly**  
45392D

**Tritanomaly**  
443937

# Monochromacy



**Original Color**  
433A2D

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3E3B36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 433A2D 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 #433A2D looks like.

```
.text, #text, p{  
    color:#433A2D  
}
```

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 #433A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433A2D
}
```

## Border

The CSS property to change the border of an element to Hex 433A2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

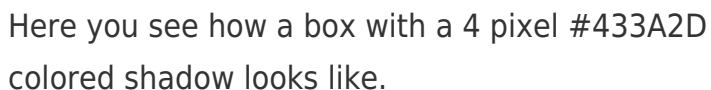
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433A2D }
```

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

```
.border{ border-color:#433A2D }
```

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



Here you see how a box with a 4 pixel #433A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433A2D; -webkit-box-shadow:4px 4px  
4px 4px #433A2D; box-shadow:4px 4px 4px  
4px #433A2D }
```

# Background

The CSS property to change the background color of an element to Hex 433A2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433A2D }
```

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

```
.background{ background-color:#433A2D }
```

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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