

# Converting Colors

Hex(433314)

Have a look what the booklet for  
Hex(433314) contains.

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**Color**

**Hex(433314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	433314
RGB	67, 51, 20
RGB Percent	26%, 20%, 8%
CMY	0.7373, 0.8000, 0.9216
CMYK	0.00, 0.24, 0.70, 0.74
HSL	40°, 54%, 17%
HSV	40°, 70%, 26%
XYZ	3.6248, 3.6115, 1.1679
YIQ	52.2500, 19.4870, -6.2490

# Conversions

## Conversions Part 2

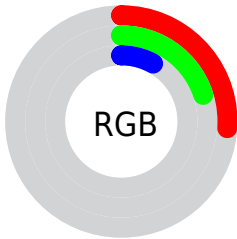
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	44, 67, 20
Decimal	4403988
CIE Lab	22.34, 3.03, 22.00
CIE LCh	22, 22.209, 82.160
Yxy	3.6115, 0.4313, 0.4297
Android (android.graphics.Color)	4282594068 (0xFF433314)
YUV	52.2500, -15.8993, 12.9358
Hunter-Lab	19.0038, 0.7908, 9.6591

# Details

The Hex color **433314** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **142443**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **756140**, and **130600** is the 20% darker color. If you saturate the color by 10%, you get **43310D**, and if you desaturate by 10%, it is **43351B**.

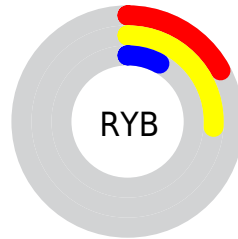
# Distribution



Red (26%)

Green (20%)

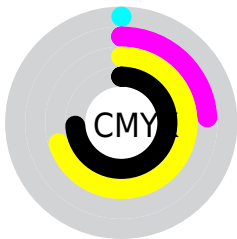
Blue (8%)



Red (17%)

Yellow (26%)

Blue (8%)

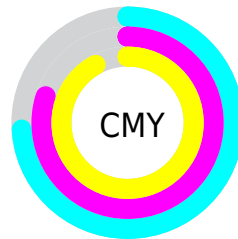


Cyan (0%)

Magenta (24%)

Yellow (70%)

Black (74%)



Cyan (74%)

Magenta (80%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 433314 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 433314 by changing the saturation by 10% instead.





433314



433314



FFFFFF8



2D1E00



756140



130600



8F7A57



000000



AA9470



C6AE8A



E2CAA4



FFE6BF



FFFFDB



433314



433314

■ 43310D

■ 43351B

■ 432E07

■ 433821

■ 432C00

■ 433A28

■ 433C2F

■ 433E35

■ 43413C

■ 434343

■ 43454A

■ 434850

# Harmonies

## Analogous

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



4F2D1C



433314



333816

# Triad

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



433314



003E41



462C4A

# Complementary

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



433314



142443

# 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.



303354



433314



003C4F

# Square

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



433314



003E30



0B3856



52283A

# Rectangle

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



433314



273B1C



0B3856



3F2E4E



# Sweetspot

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



433314



575144



431424



2B2821



ABABAB



2B2B2B



# Same Dimension

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



433314



573E0E



3C4314



21201E



614000



E09400



# Inverse Universe

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



142443



0E2757



1B1443



1E1F21



002161



004CE0



# Previews

## White Background



This preview shows how the Hex color 433314 looks on a white background.

## Color Contrast Check

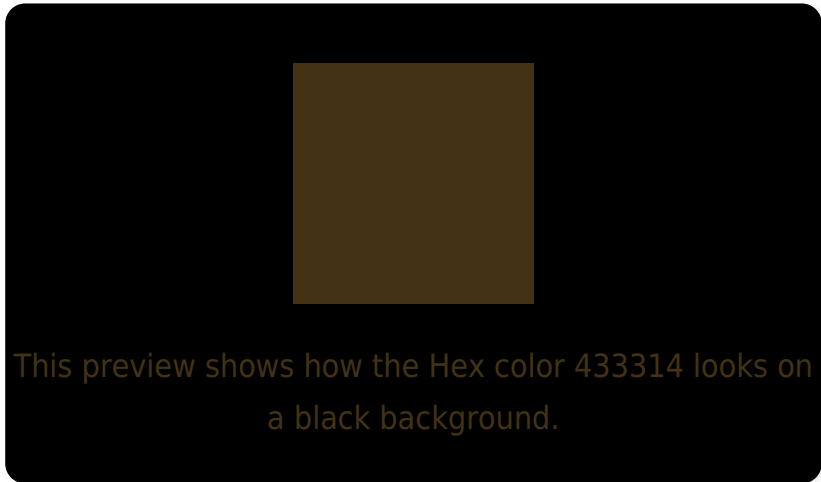
Large Text (above 18pt) WCAG AA ✓ Pass

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

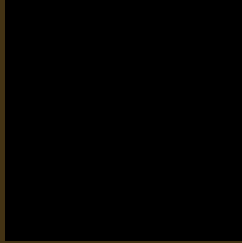
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 433314 Background



This preview shows how black text looks on a background with the Hex color 433314.

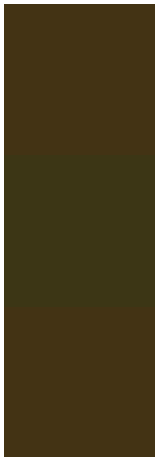


This preview shows how white text looks on a background with the Hex color 433314.

# 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](#).

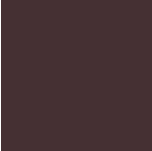
## Dichromacy



**Original Color**  
433314

**Protanopia**  
3C3615

**Deuteranopia**  
433314



**Tritanopia**  
453033

# Trichromacy



**Original Color**  
433314

**Protanomaly**  
3F3515

**Deuteranomaly**  
433314

**Tritanomaly**  
443128

# Monochromacy



**Original Color**  
433314

**Achromatopsia**  
343434

**Achromatomaly**  
393428

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 433314 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 #433314 looks like.

```
.text, #text, p{  
    color:#433314  
}
```

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 #433314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433314
}
```

## Border

The CSS property to change the border of an element to Hex 433314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

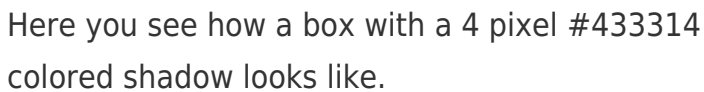
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433314 }
```

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

```
.border{ border-color:#433314 }
```

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



Here you see how a box with a 4 pixel #433314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433314; -webkit-box-shadow:4px 4px  
4px 4px #433314; box-shadow:4px 4px 4px  
4px #433314 }
```

# Background

The CSS property to change the background color of an element to Hex 433314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433314 }
```

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

```
.background{ background-color:#433314 }
```

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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