

# Converting Colors

Hex(444431)

Have a look what the booklet for  
Hex(444431) contains.

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# Color

**Hex(444431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	444431
RGB	68, 68, 49
RGB Percent	27%, 27%, 19%
CMY	0.7333, 0.7333, 0.8078
CMYK	0.00, 0.00, 0.28, 0.73
HSL	60°, 16%, 23%
HSV	60°, 28%, 27%
XYZ	5.0054, 5.5849, 3.7199
YIQ	65.8340, 6.0990, -5.9090

# Conversions

## Conversions Part 2

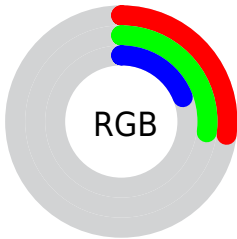
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 68, 49
Decimal	4473905
CIE Lab	28.34, -3.71, 11.55
CIE LCh	28, 12.132, 107.791
Yxy	5.5849, 0.3498, 0.3903
Android (android.graphics.Color)	4282663985 (0xFF444431)
YUV	65.8340, -8.2992, 1.8996
Hunter-Lab	23.6325, -3.5502, 7.2101

# Details

The Hex color **444431** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313144**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **74745F**, and **1A1902** is the 20% darker color. If you saturate the color by 10%, you get **44442A**, and if you desaturate by 10%, it is **444438**.

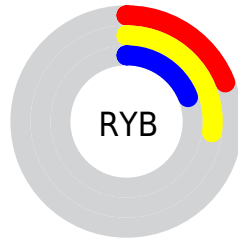
# Distribution



Red (27%)

Green (27%)

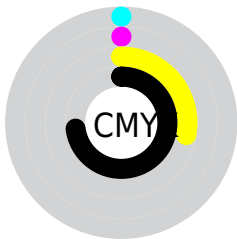
Blue (19%)



Red (19%)

Yellow (27%)

Blue (19%)

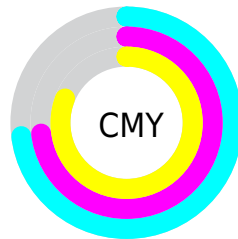


Cyan (0%)

Magenta (0%)

Yellow (28%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 444431 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 444431 by changing the saturation by 10% instead.





444431



444431

FFFFFF



2E2E1C



74745F



1A1902



8E8E78



000000



A9A892



C4C3AC



E0DFC8



FCFCE4



444431



444431



44442A



444438

■ 444423

■ 44443F

■ 44441D

■ 444445

■ 444416

■ 44444C

■ 44440F

■ 444453

■ 444408

■ 44445A

■ 444401

■ 444461

■ 444400

■ 444467

■ 44446E

# Harmonies

## Analogous

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



4D4131



444431



394636

# Triad

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



444431



2A4750



533D47

# Complementary

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



444431



313144

# 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.



4B3F4F



444431



334555

# Square

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



444431



294848



3F4255



563C3E

# Rectangle

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



444431



32483C



3F4255



513D4A



# Sweetspot

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



444431



595952



443131



2E2E29



ADADAD



2E2E2E



# Same Dimension

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



444431



59593B



3B4431



21211E



616100



E0E000



# Inverse Universe

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



313144



3B3B59



3B3144



1E1E21



000061



0000E0



# Previews

## White Background



This preview shows how the Hex color 444431 looks on a white background.

## Color Contrast Check

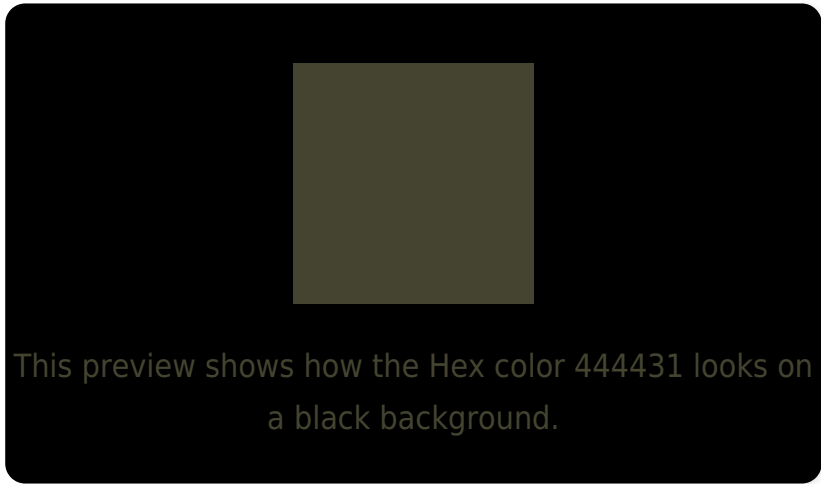
Large Text (above 18pt) WCAG AA ✓ Pass

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

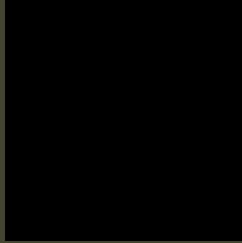
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

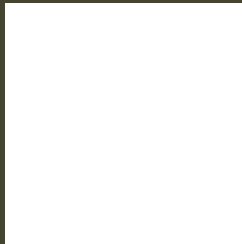
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 444431 Background



This preview shows how black text looks on a background with the Hex color 444431.

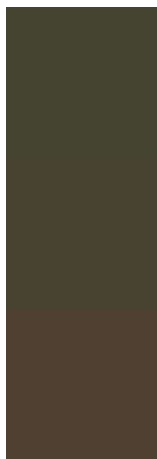


This preview shows how white text looks on a background with the Hex color 444431.

# 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**


444431

**Protanopia**

484330

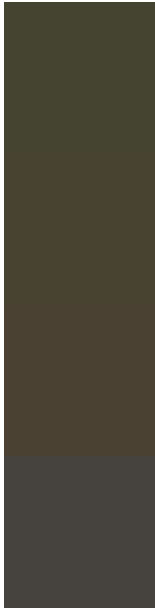
**Deuteranopia**

4F4032



**Tritanopia**  
474146

# Trichromacy



**Original Color**

444431

**Protanomaly**

474330

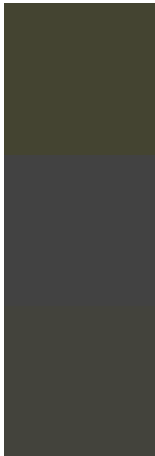
**Deuteranomaly**

4B4132

**Tritanomaly**

46423E

# Monochromacy



**Original Color**

444431

**Achromatopsia**

424242

**Achromatomaly**

43433C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 444431 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 #444431 looks like.

```
.text, #text, p{  
    color:#444431  
}
```

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 #444431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #444431
}
```

## Border

The CSS property to change the border of an element to Hex 444431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

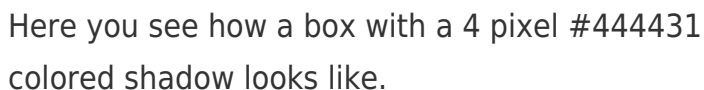
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#444431 }
```

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

```
.border{ border-color:#444431 }
```

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



Here you see how a box with a 4 pixel #444431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #444431; -webkit-box-shadow:4px 4px  
4px 4px #444431; box-shadow:4px 4px 4px  
4px #444431 }
```

# Background

The CSS property to change the background color of an element to Hex 444431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#444431 }
```

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

```
.background{ background-color:#444431 }
```

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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