

# Converting Colors

Hex(43301F)

Have a look what the booklet for  
Hex(43301F) contains.

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# Color

**Hex(43301F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	43301F
RGB	67, 48, 31
RGB Percent	26%, 19%, 12%
CMY	0.7373, 0.8118, 0.8784
CMYK	0.00, 0.28, 0.54, 0.74
HSL	28°, 37%, 19%
HSV	28°, 54%, 26%
XYZ	3.6190, 3.4061, 1.7630
YIQ	51.7430, 16.7810, -1.2590

# Conversions

## Conversions Part 2

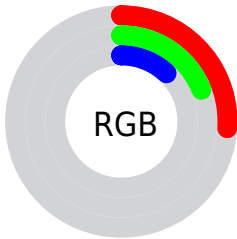
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 63, 31
Decimal	4403231
CIELab	21.60, 6.13, 14.23
CIElCh	22, 15.499, 66.690
Yxy	3.4061, 0.4118, 0.3876
Android (android.graphics.Color)	4282593311 (0xFF43301F)
YUV	51.7430, -10.2263, 13.3804
Hunter-Lab	18.4557, 2.7050, 7.2552

# Details

The Hex color **43301F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1F3243**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **745E4B**, and **150100** is the 20% darker color. If you saturate the color by 10%, you get **432C18**, and if you desaturate by 10%, it is **433426**.

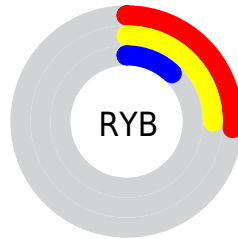
# Distribution



Red (26%)

Green (19%)

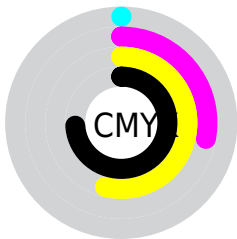
Blue (12%)



Red (26%)

Yellow (25%)

Blue (12%)

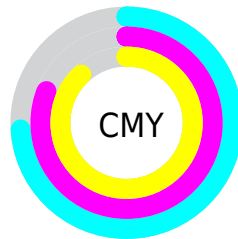


Cyan (0%)

Magenta (28%)

Yellow (54%)

Black (74%)



Cyan (74%)

Magenta (81%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43301F 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 43301F by changing the saturation by 10% instead.





43301F



43301F

FFFFFF



2C1B08



745E4B



150100



8E7763



000000



A9907C



C5AB96



E1C6B1



FEE2CC



FFFFE8



43301F



43301F

■ 432C18

■ 433426

■ 432912

■ 43372C

■ 43250B

■ 433B33

■ 432204

■ 433E3A

■ 432000

■ 434241

■ 434547

■ 43494E

■ 434C55

■ 43505B

# Harmonies

## Analogous

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



492C27



43301F



39341D

# Triad

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



43301F



103A36



393046

# Complementary

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



43301F



1F3243

# 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.



28344A



43301F



093941

# Square

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



43301F



1F392A



153749



442C3D

# Rectangle

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



43301F



31361F



153749



333148



# Sweetspot

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



43301F



574F49



431F32



2B2723



ABABAB



2B2B2B



# Same Dimension

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



43301F



57391F



43421F



211F1E



612E00



E06A00



# Inverse Universe

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



1F3243



1F3C57



1F2043



1E2021



003361



0076E0



# Previews

## White Background



This preview shows how the Hex color 43301F looks on a white background.

## Color Contrast Check

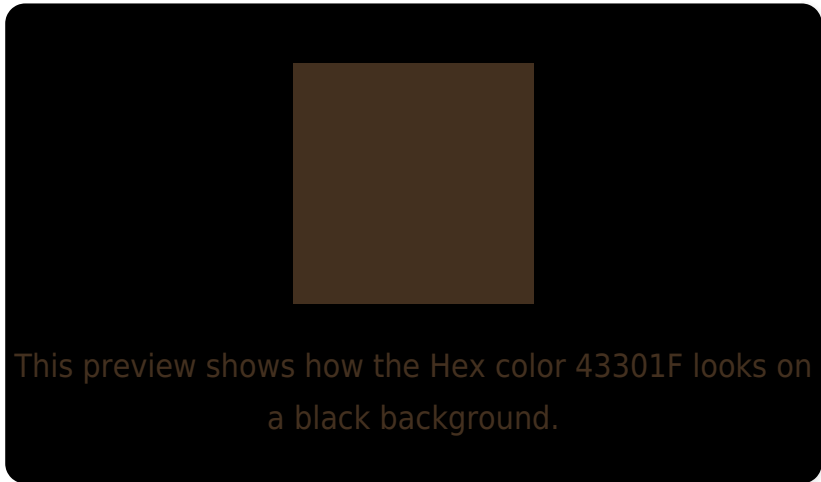
Large Text (above 18pt) WCAG AA ✓ Pass

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 43301F Background



This preview shows how black text looks on a background with the Hex color 43301F.

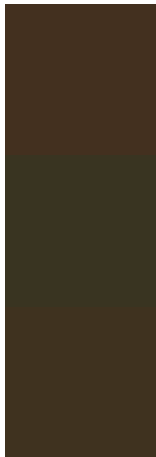


This preview shows how white text looks on a background with the Hex color 43301F.

# 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**  
43301F

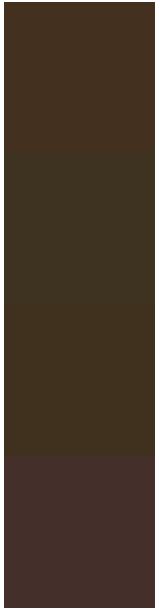
**Protanopia**  
393421

**Deuteranopia**  
3F321F



**Tritanopia**  
442E31

# Trichromacy



**Original Color**  
43301F

**Protanomaly**  
3D3320

**Deuteranomaly**  
40311F

**Tritanomaly**  
442F2A

# Monochromacy



**Original Color**  
43301F

**Achromatopsia**  
343434

**Achromatomaly**  
39332C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43301F 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 #43301F looks like.

```
.text, #text, p{  
    color:#43301F  
}
```

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 #43301F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43301F
}
```

## Border

The CSS property to change the border of an element to Hex 43301F is called "border". The border property can be set on classes, ids or directly on the HTML element.

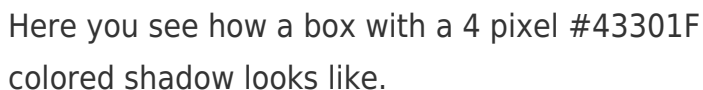
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#43301F }
```

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

```
.border{ border-color:#43301F }
```

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



Here you see how a box with a 4 pixel #43301F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43301F; -webkit-box-shadow:4px 4px  
4px 4px #43301F; box-shadow:4px 4px 4px  
4px #43301F }
```

# Background

The CSS property to change the background color of an element to Hex 43301F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43301F }
```

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

```
.background{ background-color:#43301F }
```

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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