

# Converting Colors

Hex(4F3D38)

Have a look what the booklet for  
Hex(4F3D38) contains.

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# Color

Hex(4F3D38)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F3D38
RGB	79, 61, 56
RGB Percent	31%, 24%, 22%
CMY	0.6902, 0.7608, 0.7804
CMYK	0.00, 0.23, 0.29, 0.69
HSL	13°, 17%, 26%
HSV	13°, 29%, 31%
XYZ	5.6070, 5.2853, 4.4660
YIQ	65.8120, 12.3330, 2.2610

# Conversions

## Conversions Part 2

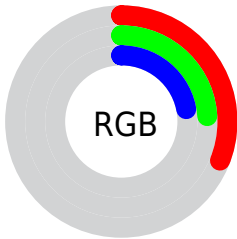
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 62, 56
Decimal	5193016
CIE Lab	27.53, 7.00, 6.08
CIE LCh	28, 9.274, 40.985
Yxy	5.2853, 0.3651, 0.3441
Android (android.graphics.Color)	4283383096 (0xFF4F3D38)
YUV	65.8120, -4.8373, 11.5659
Hunter-Lab	22.9897, 3.3026, 4.5750

# Details

The Hex color **4F3D38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **384A4F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **816C67**, and **22130D** is the 20% darker color. If you saturate the color by 10%, you get **4F3730**, and if you desaturate by 10%, it is **4F4340**.

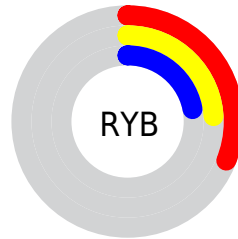
# Distribution



Red (31%)

Green (24%)

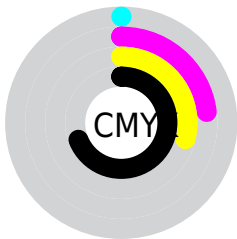
Blue (22%)



Red (31%)

Yellow (24%)

Blue (22%)

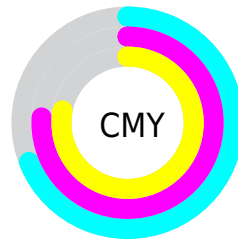


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (69%)



Cyan (69%)

Magenta (76%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F3D38 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 4F3D38 by changing the saturation by 10% instead.





4F3D38



4F3D38

FFFFFF



382723



816C67



22130D



9B8680



000000



B6A09A



D1BBB5



EED7D0



FFF3EC



4F3D38



4F3D38



4F3730



4F4340

■ 4F3128

■ 4F4948

■ 4F2A20

■ 4F5050

■ 4F2418

■ 4F5658

■ 4F1E10

■ 4F5C60

■ 4F1809

■ 4F6267

■ 4F1201

■ 4F686F

■ 4F1100

■ 4F6E77

■ 4F757F

# Harmonies

## Analogous

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



503C3F



4F3D38



4B3F34

# Triad

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



4F3D38



34453C



3C414F

# Complementary

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



4F3D38



384A4F

# 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.



34434E



4F3D38



2F4543

# Square

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



4F3D38



3C4336



2E454A



463E4C

# Rectangle

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



4F3D38



464133



2E454A



39424F



# Sweetspot

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



4F3D38



665F5D



4F384A



332F2D



B3B3B3



333333



# Same Dimension

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



4F3D38



664A42



4F4838



262322



661600



E63200



# Inverse Universe

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



384A4F



425E66



383F4F



222526



005066



00B4E6



# Previews

## White Background



This preview shows how the Hex color 4F3D38 looks on a white background.

## Color Contrast Check

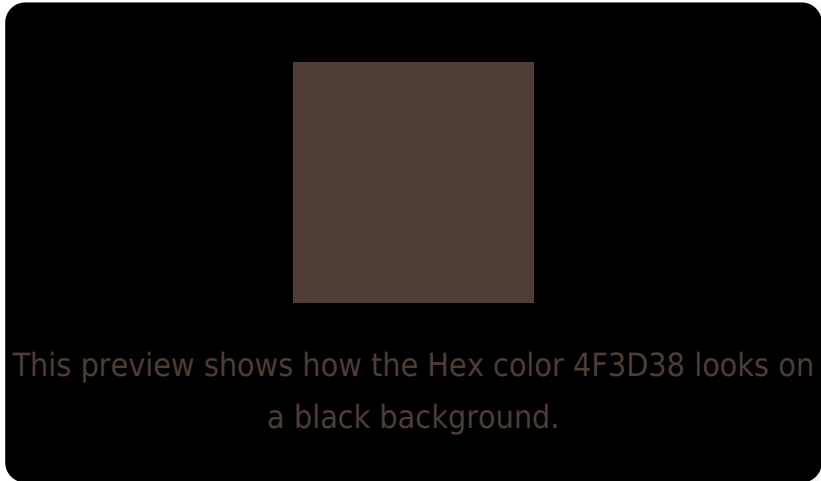
Large Text (above 18pt) WCAG AA ✓ Pass

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

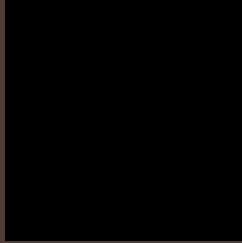
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F3D38 Background



This preview shows how black text looks on a background with the Hex color 4F3D38.

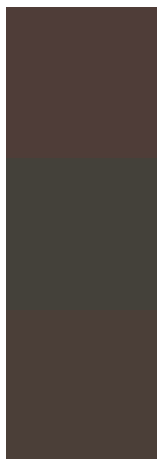


This preview shows how white text looks on a background with the Hex color 4F3D38.

# 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**  
4F3D38

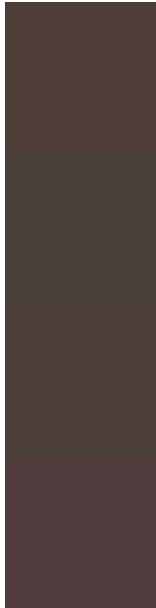
**Protanopia**  
44413A

**Deuteranopia**  
4B3F38



**Tritanopia**  
503C40

# Trichromacy



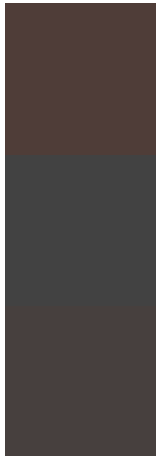
**Original Color**  
4F3D38

**Protanomaly**  
484039

**Deuteranomaly**  
4C3E38

**Tritanomaly**  
503C3D

# Monochromacy



**Original Color**  
4F3D38

**Achromatopsia**  
424242

**Achromatomaly**  
47403E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F3D38 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 #4F3D38 looks like.

```
.text, #text, p{  
    color:#4F3D38  
}
```

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 #4F3D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F3D38  
}
```

## Border

The CSS property to change the border of an element to Hex 4F3D38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

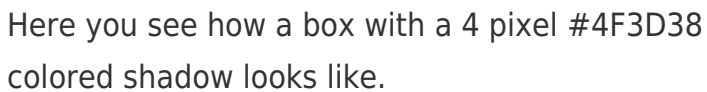
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4F3D38 }
```

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

```
.border{ border-color:#4F3D38 }
```

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



Here you see how a box with a 4 pixel #4F3D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F3D38; -webkit-box-shadow:4px 4px  
4px 4px #4F3D38; box-shadow:4px 4px 4px  
4px #4F3D38 }
```

# Background

The CSS property to change the background color of an element to Hex 4F3D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F3D38 }
```

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

```
.background{ background-color:#4F3D38 }
```

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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