

# Converting Colors

Hex(4D3933)

Have a look what the booklet for  
Hex(4D3933) contains.

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# Color

**Hex(4D3933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D3933
RGB	77, 57, 51
RGB Percent	30%, 22%, 20%
CMY	0.6980, 0.7765, 0.8000
CMYK	0.00, 0.26, 0.34, 0.70
HSL	14°, 20%, 25%
HSV	14°, 34%, 30%
XYZ	5.1212, 4.7431, 3.7775
YIQ	62.2960, 13.8460, 2.3740

# Conversions

## Conversions Part 2

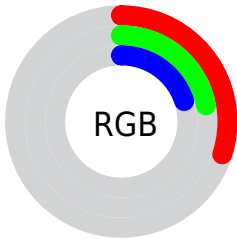
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 59, 51
Decimal	5060915
CIELab	25.99, 7.86, 7.17
CIELCh	26, 10.636, 42.361
Yxy	4.7431, 0.3754, 0.3477
Android (android.graphics.Color)	4283250995 (0xFF4D3933)
YUV	62.2960, -5.5689, 12.8954
Hunter-Lab	21.7785, 3.8619, 4.9610

# Details

The Hex color **4D3933** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33474D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7F6861**, and **210E05** is the 20% darker color. If you saturate the color by 10%, you get **4D332B**, and if you desaturate by 10%, it is **4D3F3B**.

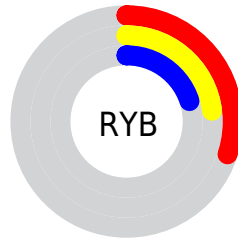
# Distribution



 Red (30%)

 Green (22%)

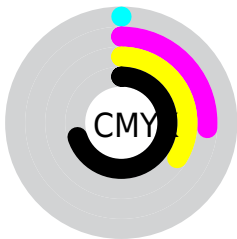
 Blue (20%)



 Red (30%)

 Yellow (23%)

 Blue (20%)

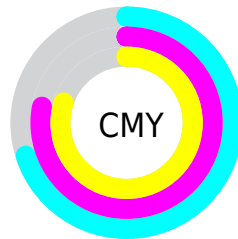


 Cyan (0%)

 Magenta (26%)

 Yellow (34%)

 Black (70%)



 Cyan (70%)

 Magenta (78%)

 Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D3933 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 4D3933 by changing the saturation by 10% instead.





4D3933



4D3933

FFFFFF



36231E



7F6861



210E05



99817A



000000



B49B94



CFB6AE



ECD2CA



FFEEE6



4D3933



4D3933



4D332B



4D3F3B

■ 4D2D24

■ 4D4542

■ 4D271C

■ 4D4B4A

■ 4D2114

■ 4D5152

■ 4D1B0D

■ 4D575A

■ 4D1505

■ 4D5D61

■ 4D1200

■ 4D6269

■ 4D6871

■ 4D6E78

# Harmonies

## Analogous

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



4E383A



4D3933



483B2E

# Triad

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



4D3933



2E4238



393D4D

# Complementary

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



4D3933



33474D

# 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.



2E404D



4D3933



284241

# Square

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



4D3933



374031



284148



433A49

# Rectangle

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



4D3933



433D2D



284148



353E4D



# Sweetspot

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



4D3933



635C5A



4D3347



332E2D



B3B3B3



333333



# Same Dimension

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



4D3933



63443B



4D4633



262322



661800



E63500



# Inverse Universe

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



33474D



3B5A63



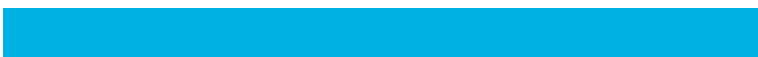
333A4D



222526



004E66



00B1E6



# Previews

## White Background



This preview shows how the Hex color 4D3933 looks on a white background.

## Color Contrast Check

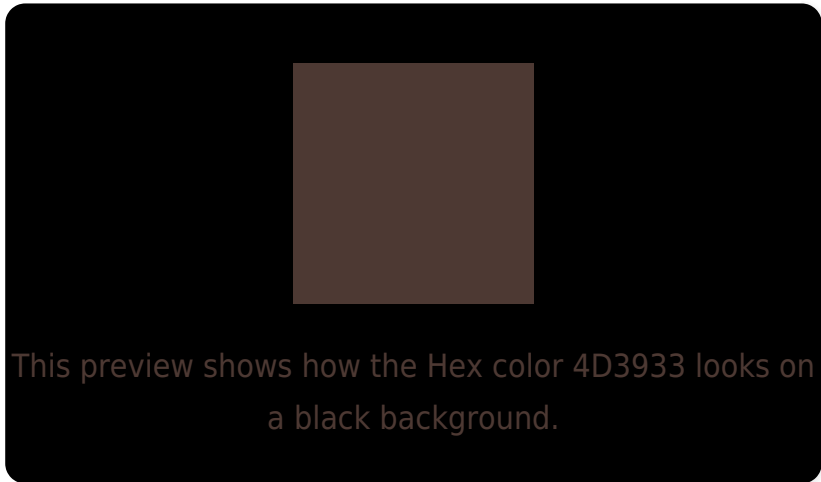
Large Text (above 18pt) WCAG AA ✓ Pass

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

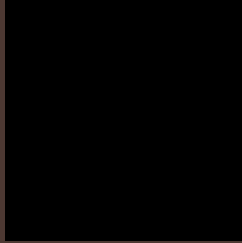
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D3933 Background



This preview shows how black text looks on a background with the Hex color 4D3933.

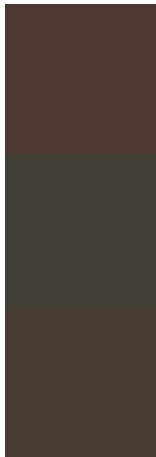


This preview shows how white text looks on a background with the Hex color 4D3933.

# 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](#).

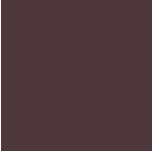
## Dichromacy



**Original Color**  
4D3933

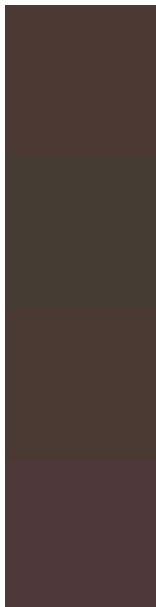
**Protanopia**  
413E35

**Deuteranopia**  
483B33



**Tritanopia**  
4E383C

# Trichromacy



**Original Color**

4D3933

**Protanomaly**

453C34

**Deuteranomaly**

4A3A33

**Tritanomaly**

4E3839

# Monochromacy



**Original Color**

4D3933

**Achromatopsia**

3E3E3E

**Achromatomaly**

433C3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D3933 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 #4D3933 looks like.

```
.text, #text, p{  
    color:#4D3933  
}
```

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 #4D3933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3933
}
```

## Border

The CSS property to change the border of an element to Hex 4D3933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

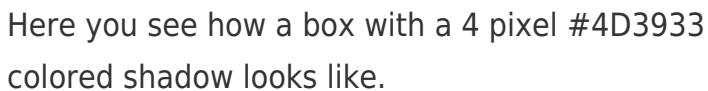
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D3933 }
```

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

```
.border{ border-color:#4D3933 }
```

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



Here you see how a box with a 4 pixel #4D3933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3933; -webkit-box-shadow:4px 4px  
4px 4px #4D3933; box-shadow:4px 4px 4px  
4px #4D3933 }
```

# Background

The CSS property to change the background color of an element to Hex 4D3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3933 }
```

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

```
.background{ background-color:#4D3933 }
```

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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