

# Converting Colors

Hex(4D3637)

Have a look what the booklet for  
Hex(4D3637) contains.

<b>Hex(4D3637)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(4D3637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D3637
RGB	77, 54, 55
RGB Percent	30%, 21%, 22%
CMY	0.6980, 0.7882, 0.7843
CMYK	0.00, 0.30, 0.29, 0.70
HSL	357°, 18%, 26%
HSV	357°, 30%, 30%
XYZ	5.0693, 4.4919, 4.2143
YIQ	60.9910, 13.3870, 5.1870

# Conversions

## Conversions Part 2

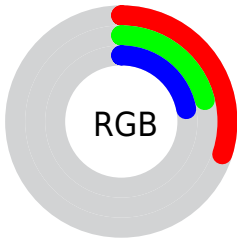
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 54, 55
Decimal	5060151
CIE <sub>Lab</sub>	25.24, 10.47, 3.44
CIE <sub>LCh</sub>	25, 11.022, 18.201
Yxy	4.4919, 0.3680, 0.3261
Android (android.graphics.Color)	4283250231 (0xFF4D3637)
YUV	60.9910, -2.9536, 14.0399
Hunter-Lab	21.1942, 5.6045, 3.0467

# Details

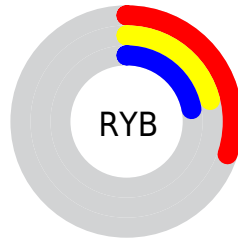
The Hex color **4D3637** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **364D4C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7F6566**, and **210B0B** is the 20% darker color. If you saturate the color by 10%, you get **4D2E30**, and if you desaturate by 10%, it is **4D3E3E**.

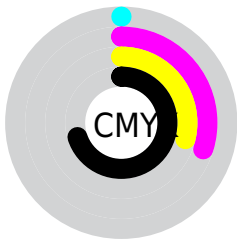
# Distribution



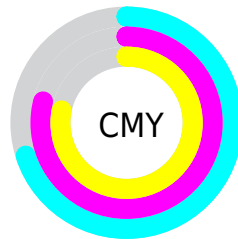
- Red (30%)
- Green (21%)
- Blue (22%)



- Red (30%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (70%)



- Cyan (70%)
- Magenta (79%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D3637 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 4D3637 by changing the saturation by 10% instead.





4D3637



4D3637

FFFFFF



362122



7F6566



210B0B



997E7F



000000



B49899



CFB3B3



ECCECF



FFEAEB



4D3637



4D3637



4D2E30



4D3E3E

 4D2728

 4D4546

 4D1F21

 4D4D4D

 4D171A

 4D5554

 4D1012

 4D5D5C

 4D080B

 4D6463

 4D0003

 4D6C6B

 4D7472

 4D7B79

# Harmonies

## Analogous

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



4A363F



4D3637



4B3830

# Triad

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



4D3637



333F31



2E3E4C

# Complementary

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



4D3637



364D4C

# 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.



264048



4D3637



2A4038

# Square

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



4D3637



3D3D2C



254141



393B4C

# Rectangle

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



4D3637



47392D



254141



2A3E4B



# Sweetspot

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



4D3637



635A5B



4C364D



332D2E



B3B3B3



333333



# Same Dimension

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



4D3637



634041



4D4036



262223



660004



E6000A



# Inverse Universe

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



4D3637



634041



36434D



262223



660004

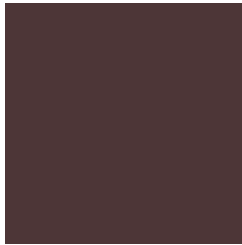


E6000A



# Previews

## White Background



This preview shows how the Hex color 4D3637 looks on a white background.

## Color Contrast Check

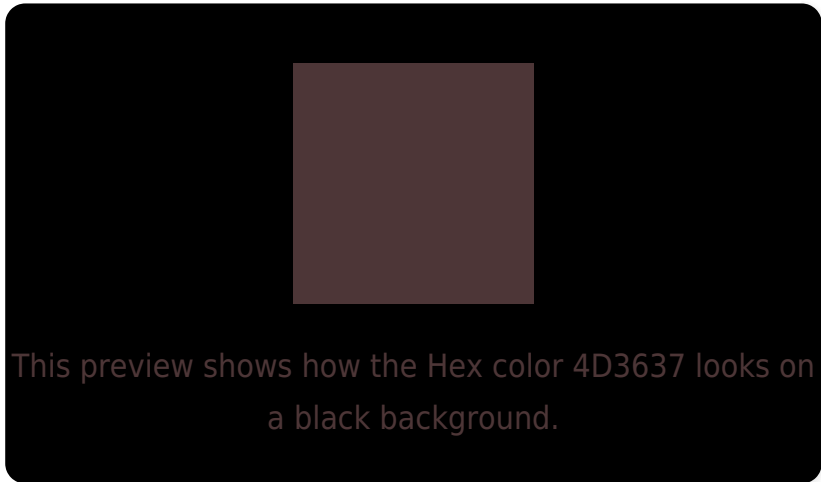
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D3637 Background



This preview shows how black text looks on a background with the Hex color 4D3637.

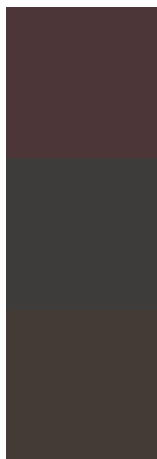


This preview shows how white text looks on a background with the Hex color 4D3637.

# 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](#).

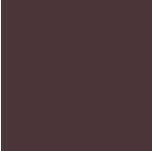
## Dichromacy



**Original Color**  
4D3637

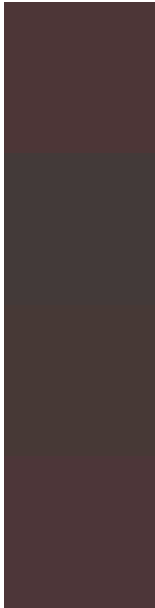
**Protanopia**  
3E3C3A

**Deuteranopia**  
443A36



**Tritanopia**  
4D363A

# Trichromacy



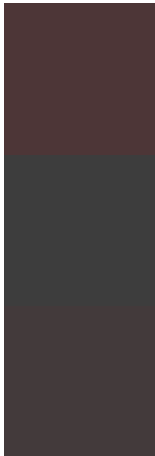
**Original Color**  
4D3637

**Protanomaly**  
433A39

**Deuteranomaly**  
473936

**Tritanomaly**  
4D3639

# Monochromacy



**Original Color**  
4D3637

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
433A3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D3637 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 #4D3637 looks like.

```
.text, #text, p{  
    color:#4D3637  
}
```

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 #4D3637 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3637
}
```

## Border

The CSS property to change the border of an element to Hex 4D3637 is called "border". The border property can be set on classes, ids or directly on the HTML element.

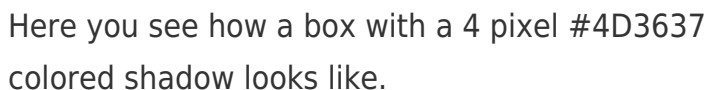
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D3637 }
```

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

```
.border{ border-color:#4D3637 }
```

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



Here you see how a box with a 4 pixel #4D3637 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3637; -webkit-box-shadow:4px 4px  
4px 4px #4D3637; box-shadow:4px 4px 4px  
4px #4D3637 }
```

# Background

The CSS property to change the background color of an element to Hex 4D3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3637 }
```

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

```
.background{ background-color:#4D3637 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor