

# Converting Colors

Hex(4B3337)

Have a look what the booklet for  
Hex(4B3337) contains.

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**Color**

**Hex(4B3337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B3337
RGB	75, 51, 55
RGB Percent	29%, 20%, 22%
CMY	0.7059, 0.8000, 0.7843
CMYK	0.00, 0.32, 0.27, 0.71
HSL	350°, 19%, 25%
HSV	350°, 32%, 29%
XYZ	4.7751, 4.1393, 4.1617
YIQ	58.6320, 13.0200, 6.3320

# Conversions

## Conversions Part 2

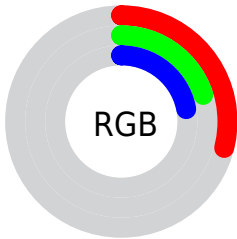
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 51, 55
Decimal	4928311
CIE Lab	24.13, 11.53, 1.81
CIE LCh	24, 11.676, 8.938
Yxy	4.1393, 0.3652, 0.3166
Android (android.graphics.Color)	4283118391 (0xFF4B3337)
YUV	58.6320, -1.7906, 14.3547
Hunter-Lab	20.3454, 6.2896, 2.1138

# Details

The Hex color **4B3337** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **334B47**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7C6266**, and **20060B** is the 20% darker color. If you saturate the color by 10%, you get **4B2C31**, and if you desaturate by 10%, it is **4B3B3D**.

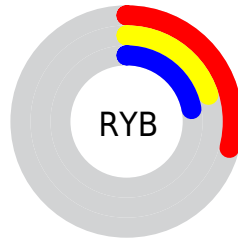
# Distribution



Red (29%)

Green (20%)

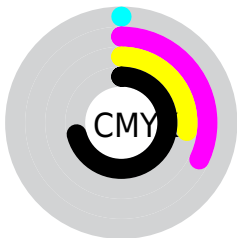
Blue (22%)



Red (29%)

Yellow (20%)

Blue (22%)

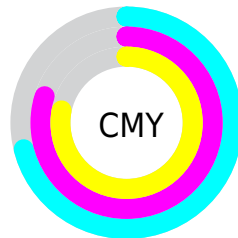


Cyan (0%)

Magenta (32%)

Yellow (27%)

Black (71%)



Cyan (71%)

Magenta (80%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B3337 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 4B3337 by changing the saturation by 10% instead.





4B3337



4B3337

FFFFFF



341E22



7C6266



20060B



967A7F



000000



B19499



CDAFB3



E9CACF



FFE7EB



4B3337



4B3337



4B2C31



4B3B3D

 4B242B

 4B4244

 4B1D24

 4B4A4A

 4B151E

 4B5150

 4B0E18

 4B5956

 4B0612

 4B605D

 4B000D

 4B6863

 4B6F69

 4B776F

# Harmonies

## Analogous

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



473440



4B3337



4A342F

# Triad

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



4B3337



333C2C



273C49

# Complementary

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



4B3337



334B47

# 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.



203E44



4B3337



293E33

# Square

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



4B3337



3D3A28



223E3C



32394B

# Rectangle

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



4B3337



47362B



223E3C



243D48



# Sweetspot

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



4B3337



615759



47334B



302B2C



B0B0B0



303030



# Same Dimension

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



4B3337



613C42



4B3B33



262223



660011



E60026



# Inverse Universe

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



4B3337



613C42



33434B



262223



660011

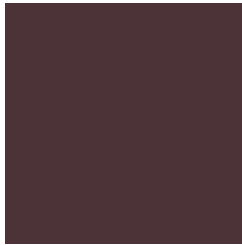


E60026



# Previews

## White Background



This preview shows how the Hex color 4B3337 looks on a white background.

## Color Contrast Check

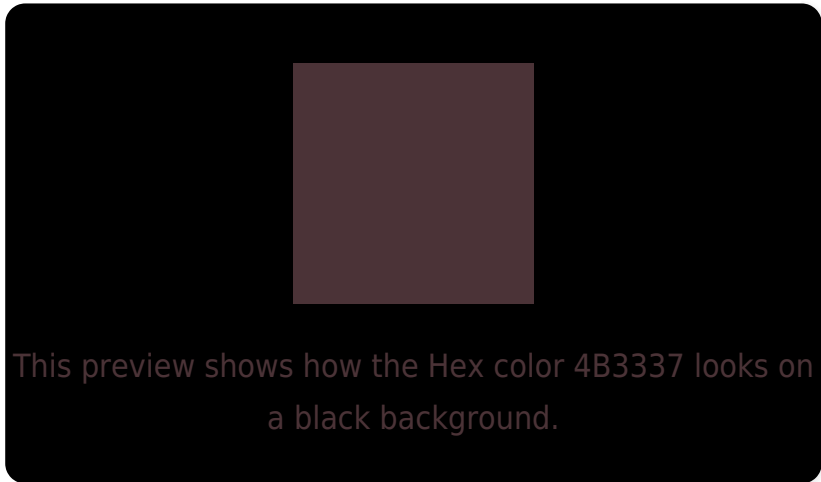
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B3337 Background



This preview shows how black text looks on a background with the Hex color 4B3337.

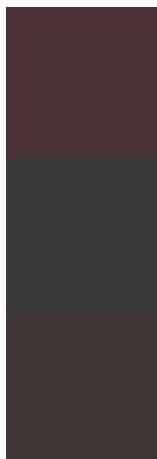


This preview shows how white text looks on a background with the Hex color 4B3337.

# 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](#).

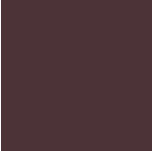
## Dichromacy



**Original Color**  
4B3337

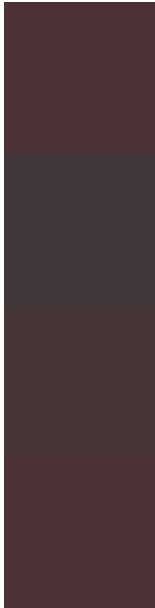
**Protanopia**  
3A393B

**Deuteranopia**  
403836



**Tritanopia**  
4B3337

# Trichromacy



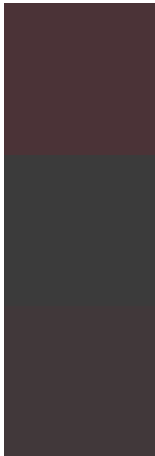
**Original Color**  
4B3337

**Protanomaly**  
40373A

**Deuteranomaly**  
443636

**Tritanomaly**  
4B3337

# Monochromacy



**Original Color**  
4B3337

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
41383A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B3337 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 #4B3337 looks like.

```
.text, #text, p{  
    color:#4B3337  
}
```

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 #4B3337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B3337
}
```

## Border

The CSS property to change the border of an element to Hex 4B3337 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".

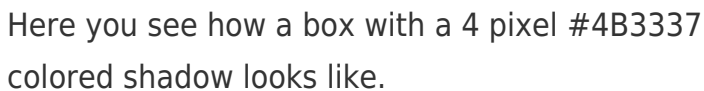
```
.border, #border, table{ border:4px solid
#4B3337 }
```

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

```
.border{ border-color:#4B3337 }
```

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

Here you see how a box with a 4 pixel #4B3337 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B3337; -webkit-box-shadow:4px 4px  
4px 4px #4B3337; box-shadow:4px 4px 4px  
4px #4B3337 }
```

# Background

The CSS property to change the background color of an element to Hex 4B3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B3337 }
```

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

```
.background{ background-color:#4B3337 }
```

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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