

Converting Colors

Hex(403337)

Have a look what the booklet for
Hex(403337) contains.

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Color

Hex(403337)

Conversions

Conversions Part 1

Format	Color
Hex	403337
RGB	64, 51, 55
RGB Percent	25%, 20%, 22%
CMY	0.7490, 0.8000, 0.7843
CMYK	0.00, 0.20, 0.14, 0.75
HSL	342°, 11%, 23%
HSV	342°, 20%, 25%
XYZ	3.9878, 3.7335, 4.1249
YIQ	55.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

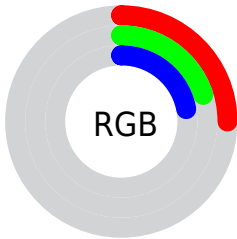
Format	Color
RYB	64, 51, 55
Decimal	4207415
CIELab	22.77, 6.63, -0.33
CIELCh	23, 6.636, 357.184
Yxy	3.7335, 0.3366, 0.3152
Android (android.graphics.Color)	4282397495 (0xFF403337)
YUV	55.3430, -0.1691, 7.5922
Hunter-Lab	19.3222, 3.0254, 0.8684

Details

The Hex color **403337** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33403C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **706166**, and **16050B** is the 20% darker color. If you saturate the color by 10%, you get **402D33**, and if you desaturate by 10%, it is **40393B**.

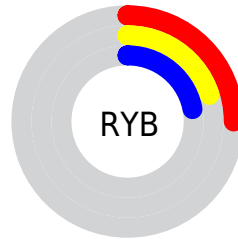
Distribution



Red (25%)

Green (20%)

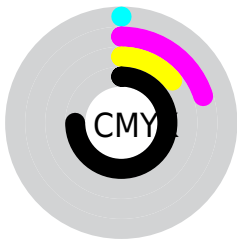
Blue (22%)



Red (25%)

Yellow (20%)

Blue (22%)

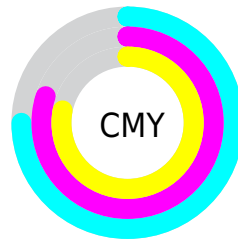


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403337 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 403337 by changing the saturation by 10% instead.

■ 403337

■ 403337

FFFFFF

■ 2A1E22

■ 706166

■ 16050B

■ 897A7F

■ 000000

■ A49499

■ BFAFB3

■ DBCACF

■ F7E6EB

■ 403337

■ 403337

■ 402D33

■ 40393B

■ 40262E

■ 404040

■ 40202A

■ 404644

■ 401925

■ 404D49

■ 401321

■ 40534D

■ 400D1C

■ 405952

■ 400618

■ 406056

■ 400014

■ 40665A

■ 406D5F

Harmonies

Analogous

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



3C343C



403337



413332

Triad

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



403337



35372E



2B383E

Complementary

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



403337



33403C

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.



2A393B



403337



303931

Square

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



403337



3B362D



2B3936



303740

Rectangle

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



403337



40342F



2B3936



2A393D

Sweetspot

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



403337



544F51



3C3340



2B2829



ABABAB



2B2B2B

Same Dimension

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



403337



544046



403533



211E1F



61001E



E00045

Inverse Universe

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



403337



544046



333E40



211E1F



61001E



E00045

Previews

White Background



This preview shows how the Hex color 403337 looks on a white background.

Color Contrast Check

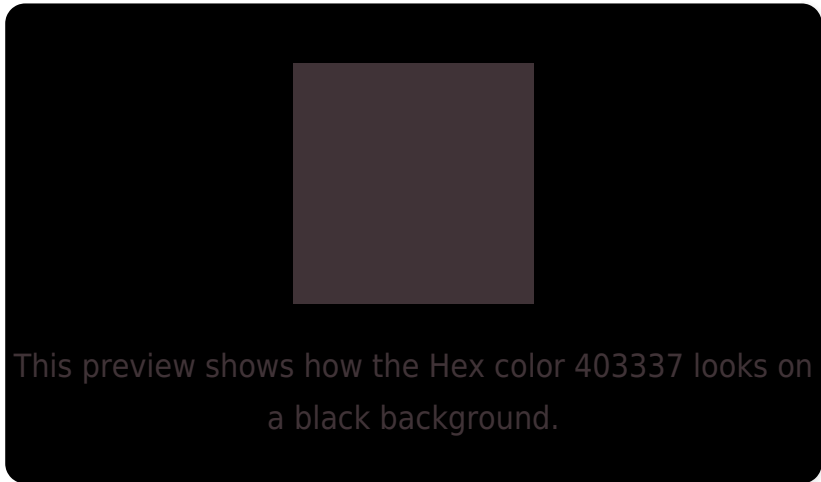
Large Text (above 18pt) WCAG AA ✓ Pass

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

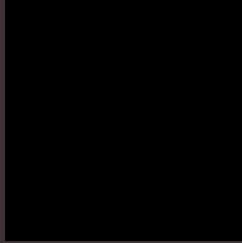
Any Text WCAG AA × Fail

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 403337 Background



This preview shows how black text looks on a background with the Hex color 403337.

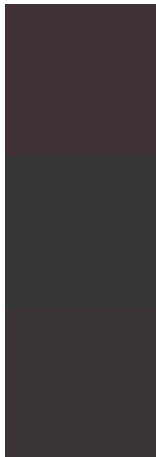


This preview shows how white text looks on a background with the Hex color 403337.

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](#).

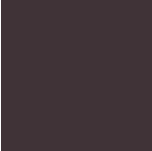
Dichromacy



Original Color
403337

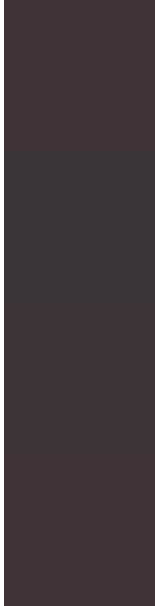
Protanopia
373639

Deuteranopia
3C3537



Tritanopia
403337

Trichromacy



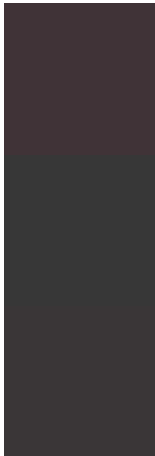
Original Color
403337

Protanomaly
3A3538

Deuteranomaly
3D3437

Tritanomaly
403337

Monochromacy



Original Color
403337

Achromatopsia
373737

Achromatomaly
3A3637

CSS Examples

Text

The CSS property to change the color of the text to Hex 403337 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 #403337 looks like.

```
.text, #text, p{  
    color:#403337  
}
```

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 #403337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403337
}
```

Border

The CSS property to change the border of an element to Hex 403337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

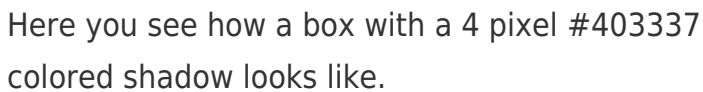
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403337 }
```

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

```
.border{ border-color:#403337 }
```

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



Here you see how a box with a 4 pixel #403337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403337; -webkit-box-shadow:4px 4px  
4px 4px #403337; box-shadow:4px 4px 4px  
4px #403337 }
```

Background

The CSS property to change the background color of an element to Hex 403337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403337 }
```

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

```
.background{ background-color:#403337 }
```

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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