

Converting Colors

Hex(403737)

Have a look what the booklet for
Hex(403737) contains.

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Color

Hex(403737)

Conversions

Conversions Part 1

Format	Color
Hex	403737
RGB	64, 55, 55
RGB Percent	25%, 22%, 22%
CMY	0.7490, 0.7843, 0.7843
CMYK	0.00, 0.14, 0.14, 0.75
HSL	0°, 8%, 23%
HSV	0°, 14%, 25%
XYZ	4.1701, 4.0982, 4.1857
YIQ	57.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

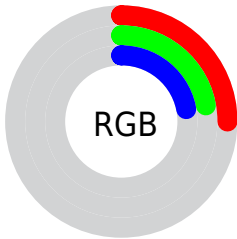
Format	Color
RYB	64, 55, 55
Decimal	4208439
CIELab	23.99, 3.96, 1.46
CIELCh	24, 4.222, 20.159
Yxy	4.0982, 0.3348, 0.3291
Android (android.graphics.Color)	4282398519 (0xFF403737)
YUV	57.6910, -1.3267, 5.5330
Hunter-Lab	20.2440, 1.3428, 1.9120

Details

The Hex color **403737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **374040**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **706666**, and **160B0B** is the 20% darker color. If you saturate the color by 10%, you get **403131**, and if you desaturate by 10%, it is **403D3D**.

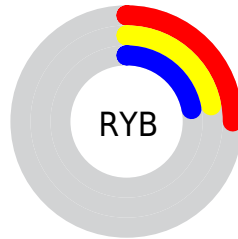
Distribution



Red (25%)

Green (22%)

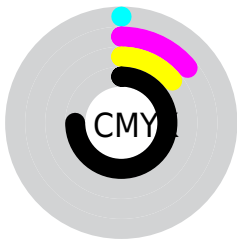
Blue (22%)



Red (25%)

Yellow (22%)

Blue (22%)

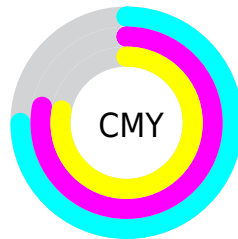


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (75%)



Cyan (75%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403737 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 403737 by changing the saturation by 10% instead.

■ 403737

■ 403737

FFFFFF

■ 2A2222

■ 706666

■ 160B0B

■ 897F7F

■ 000000

■ A49999

■ BFB3B3

■ DACFCF

■ F7EBEB

■ 403737

■ 403737

■ 403131

■ 403D3D

■ 402A2A

■ 404444

■ 402424

■ 404A4A

■ 401D1D

■ 405151

■ 401717

■ 405757

■ 401111

■ 405D5D

■ 400A0A

■ 406464

■ 400404

■ 406A6A

■ 400000

■ 407171

Harmonies

Analogous

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



3F373A



403737



3F3834

Triad

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



403737



363A35



353A3F

Complementary

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



403737



374040

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.



323A3E



403737



333B38

Square

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



403737



393A33



313B3B



38393F

Rectangle

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



403737



3E3833



313B3B



343A3F

Sweetspot

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



403737



545151



403740



2B2929



ABABAB



2B2B2B

Same Dimension

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



403737



544646



403C37



211E1E



610000



E00000

Inverse Universe

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



374040



465454



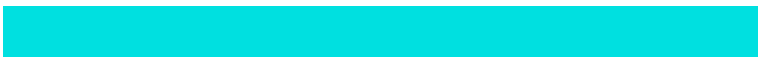
373C40



1E2121



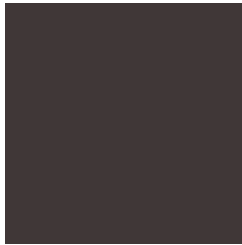
006161



00E0E0

Previews

White Background



This preview shows how the Hex color 403737 looks on a white background.

Color Contrast Check

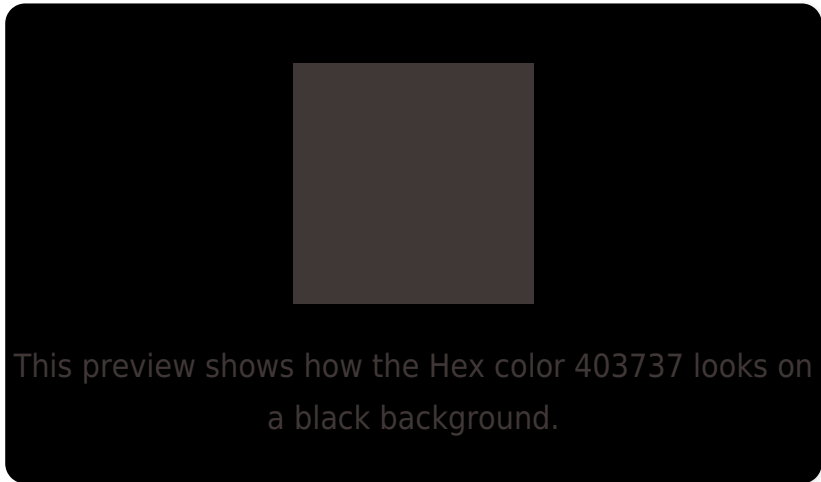
Large Text (above 18pt) WCAG AA ✓ Pass

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

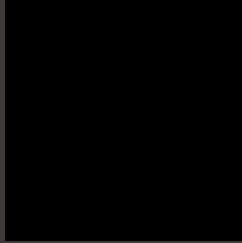
Any Text WCAG AA × Fail

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 403737 Background



This preview shows how black text looks on a background with the Hex color 403737.

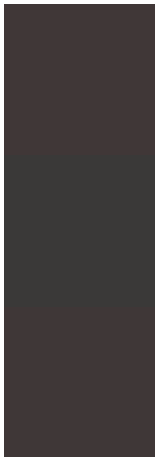


This preview shows how white text looks on a background with the Hex color 403737.

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](#).

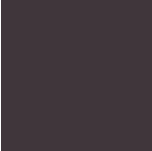
Dichromacy



Original Color
403737

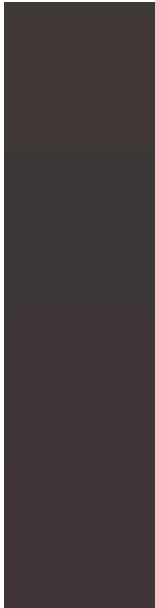
Protanopia
3A3938

Deuteranopia
3F3737



Tritanopia
40363B

Trichromacy



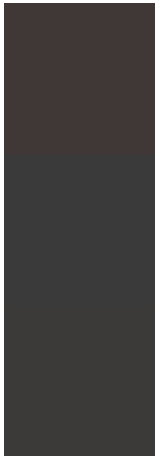
Original Color
403737

Protanomaly
3C3838

Deuteranomaly
3F3737

Tritanomaly
40363A

Monochromacy



Original Color
403737

Achromatopsia
3A3A3A

Achromatomaly
3C3939

CSS Examples

Text

The CSS property to change the color of the text to Hex 403737 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 #403737 looks like.

```
.text, #text, p{  
    color:#403737  
}
```

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 #403737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403737
}
```

Border

The CSS property to change the border of an element to Hex 403737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

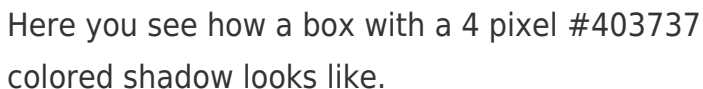
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#403737 }
```

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

```
.border{ border-color:#403737 }
```

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



Here you see how a box with a 4 pixel #403737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403737; -webkit-box-shadow:4px 4px  
4px 4px #403737; box-shadow:4px 4px 4px  
4px #403737 }
```

Background

The CSS property to change the background color of an element to Hex 403737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403737 }
```

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

```
.background{ background-color:#403737 }
```

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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