

Converting Colors

Hex(403437)

Have a look what the booklet for
Hex(403437) contains.

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Color

Hex(403437)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 403437 |
| RGB | 64, 52, 55 |
| RGB Percent | 25%, 20%, 22% |
| CMY | 0.7490, 0.7961, 0.7843 |
| CMYK | 0.00, 0.19, 0.14, 0.75 |
| HSL | 345°, 10%, 23% |
| HSV | 345°, 19%, 25% |
| XYZ | 4.0319, 3.8218, 4.1396 |
| YIQ | 55.9300, 6.1890, 3.4770 |

Conversions

Conversions Part 2

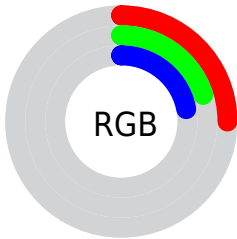
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 64, 52, 55 |
| Decimal | 4207671 |
| CIE Lab | 23.07, 5.96, 0.12 |
| CIE LCh | 23, 5.961, 1.127 |
| Yxy | 3.8218, 0.3362, 0.3187 |
| Android (android.graphics.Color) | 4282397751 (0xFF403437) |
| YUV | 55.9300, -0.4585, 7.0774 |
| Hunter-Lab | 19.5494, 2.6028, 1.1299 |

Details

The Hex color **403437** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34403D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **706266**, and **16070B** is the 20% darker color. If you saturate the color by 10%, you get **402E32**, and if you desaturate by 10%, it is **403A3C**.

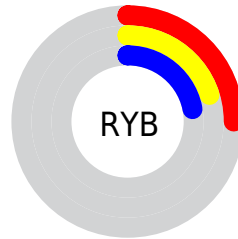
Distribution



Red (25%)

Green (20%)

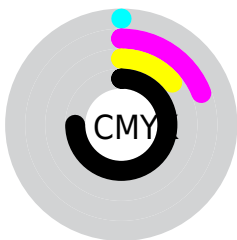
Blue (22%)



Red (25%)

Yellow (20%)

Blue (22%)

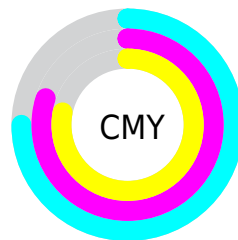


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403437 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 403437 by changing the saturation by 10% instead.

■ 403437

■ 403437

FFFFFF

■ 2A1F22

■ 706266

■ 16070B

■ 897B7F

■ 000000

■ A49599

■ BFB0B3

■ DBCBCF

■ F7E7EB

■ 403437

■ 403437

■ 402E32

■ 403A3C

■ 40272D

■ 404141

■ 402129

■ 404745

■ 401A24

■ 404E4A

■ 40141F

■ 40544F

■ 400E1A

■ 405A54

■ 400715

■ 406159

■ 400111

■ 40675D

■ 400010

■ 406E62

Harmonies

Analogous

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



3D353B



403437



403433

Triad

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



403437



35382F



2E393F

Complementary

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



403437



34403D

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.



2C393B



403437



313933

Square

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



403437



3A372E



2D3A37



323740

Rectangle

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



403437



3F3530



2D3A37



2D393E

Sweetspot

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



403437



544F50



3D3440



2B2829



ABABAB



2B2B2B

Same Dimension

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



403437



544146



403734



211E1F



610018



E00038

Inverse Universe

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



403437



544146



343D40



211E1F



610018



E00038

Previews

White Background



This preview shows how the Hex color 403437 looks on a white background.

Color Contrast Check

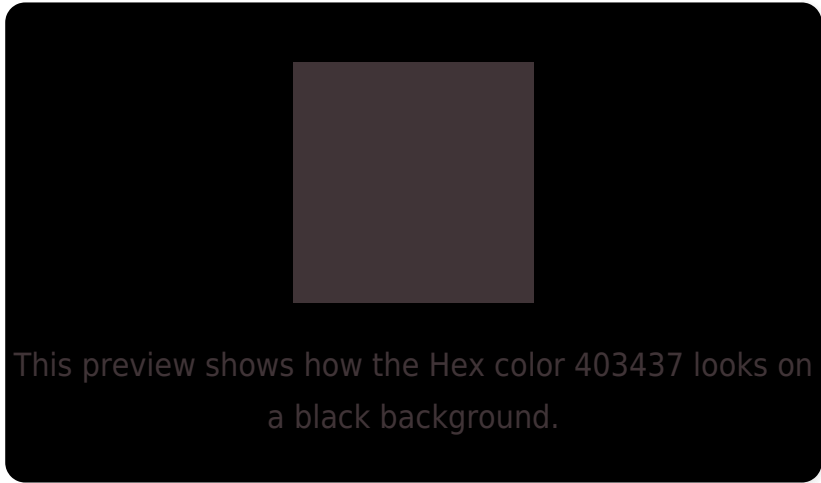
Large Text (above 18pt) WCAG AA ✓ Pass

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

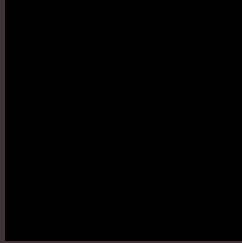
Any Text WCAG AA × Fail

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 403437 Background



This preview shows how black text looks on a background with the Hex color 403437.

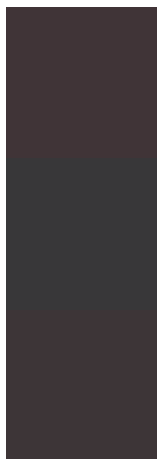


This preview shows how white text looks on a background with the Hex color 403437.

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](#).

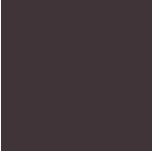
Dichromacy



Original Color
403437

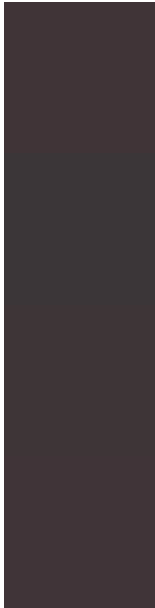
Protanopia
383739

Deuteranopia
3D3537



Tritanopia
403438

Trichromacy



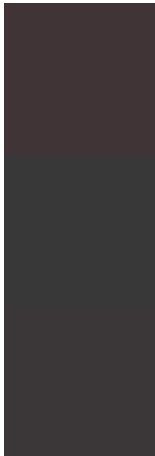
Original Color
403437

Protanomaly
3B3638

Deuteranomaly
3E3537

Tritanomaly
403438

Monochromacy



Original Color
403437

Achromatopsia
383838

Achromatomaly
3B3738

CSS Examples

Text

The CSS property to change the color of the text to Hex 403437 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 #403437 looks like.

```
.text, #text, p{  
    color:#403437  
}
```

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 #403437 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403437
}
```

Border

The CSS property to change the border of an element to Hex 403437 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
#403437 }
```

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

```
.border{ border-color:#403437 }
```

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

Here you see how a box with a 4 pixel #403437 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403437; -webkit-box-shadow:4px 4px  
4px 4px #403437; box-shadow:4px 4px 4px  
4px #403437 }
```

Background

The CSS property to change the background color of an element to Hex 403437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403437 }
```

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

```
.background{ background-color:#403437 }
```

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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