

Converting Colors

Hex(403313)

Have a look what the booklet for
Hex(403313) contains.

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Color

Hex(403313)

Conversions

Conversions Part 1

Format	Color
Hex	403313
RGB	64, 51, 19
RGB Percent	25%, 20%, 7%
CMY	0.7490, 0.8000, 0.9255
CMYK	0.00, 0.20, 0.70, 0.75
HSL	43°, 54%, 16%
HSV	43°, 70%, 25%
XYZ	3.4157, 3.5047, 1.1125
YIQ	51.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

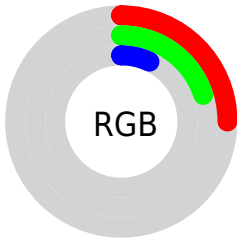
Format	Color
R_YB	37, 64, 19
Decimal	4207379
CIE Lab	21.96, 1.37, 22.05
CIE LCh	22, 22.094, 86.433
Yxy	3.5047, 0.4252, 0.4363
Android (android.graphics.Color)	4282397459 (0xFF403313)
YUV	51.2390, -15.8938, 11.1914
Hunter-Lab	18.7207, -0.1928, 9.5810

Details

The Hex color **403313** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **132040**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **72613F**, and **0E0600** is the 20% darker color. If you saturate the color by 10%, you get **40310D**, and if you desaturate by 10%, it is **403519**.

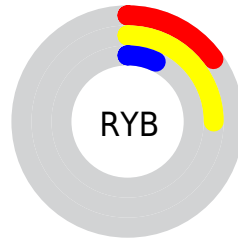
Distribution



Red (25%)

Green (20%)

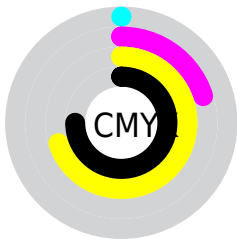
Blue (7%)



Red (15%)

Yellow (25%)

Blue (7%)

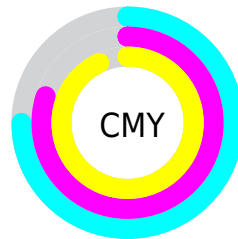


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403313 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 403313 by changing the saturation by 10% instead.

 403313

 403313

 FFFFF6

 2A1E00

 72613F

 0E0600

 8C7A56

 000000

 A6946F

 C2AE88

 DECAA3

 FBE6BE

 FFFFDA

 403313

 403313

■ 40310D

■ 403519

■ 402F06

■ 403720

■ 402E00

■ 403926

■ 403A2D

■ 403C33

■ 403E39

■ 404040

■ 404246

■ 40444D

Harmonies

Analogous

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



4C2D1A



403313



303816

Triad

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



403313



003D43



472B47

Complementary

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



403313



132040

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.



333152



403313



003B4F

Square

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



403313



003D32



123755



522737

Rectangle

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



403313



233A1D



123755



412D4B

Sweetspot

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



403313



544F42



401321



2B2821



ABABAB



2B2B2B

Same Dimension

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



403313



54400D



374013



21201E



614500



E0A000

Inverse Universe

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



132040



0D2254



1C1340



1E1F21



001C61



0041E0

Previews

White Background



This preview shows how the Hex color 403313 looks on a white background.

Color Contrast Check

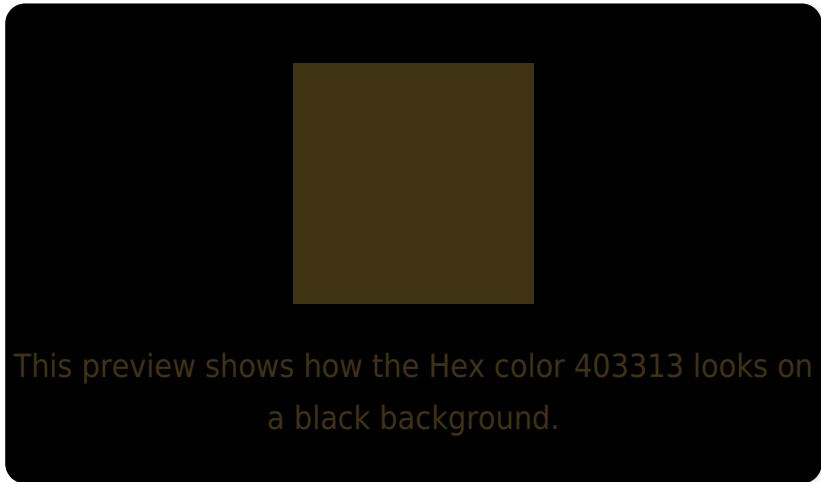
Large Text (above 18pt) WCAG AA ✓ Pass

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

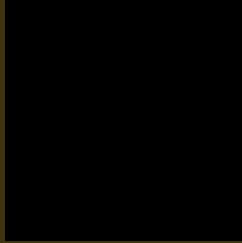
Any Text WCAG AA × Fail

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 403313 Background



This preview shows how black text looks on a background with the Hex color 403313.

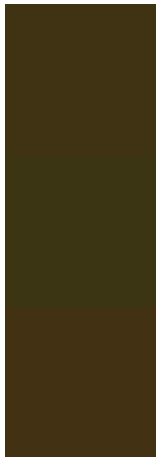


This preview shows how white text looks on a background with the Hex color 403313.

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](#).

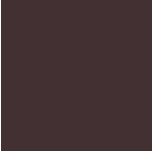
Dichromacy



Original Color
403313

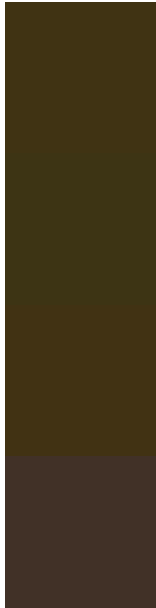
Protanopia
3B3514

Deuteranopia
423213



Tritanopia
423033

Trichromacy



Original Color
403313

Protanomaly
3D3414

Deuteranomaly
413213

Tritanomaly
413127

Monochromacy



Original Color
403313

Achromatopsia
333333

Achromatomaly
383327

CSS Examples

Text

The CSS property to change the color of the text to Hex 403313 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 #403313 looks like.

```
.text, #text, p{  
    color:#403313  
}
```

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 #403313 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403313
}
```

Border

The CSS property to change the border of an element to Hex 403313 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
#403313 }
```

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

```
.border{ border-color:#403313 }
```

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

Here you see how a box with a 4 pixel #403313 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403313; -webkit-box-shadow:4px 4px  
4px 4px #403313; box-shadow:4px 4px 4px  
4px #403313 }
```

Background

The CSS property to change the background color of an element to Hex 403313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403313 }
```

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

```
.background{ background-color:#403313 }
```

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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