

Converting Colors

Hex(40331A)

Have a look what the booklet for
Hex(40331A) contains.

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Color

Hex(40331A)

Conversions

Conversions Part 1

Format	Color
Hex	40331A
RGB	64, 51, 26
RGB Percent	25%, 20%, 10%
CMY	0.7490, 0.8000, 0.8980
CMYK	0.00, 0.20, 0.59, 0.75
HSL	39°, 42%, 18%
HSV	39°, 59%, 25%
XYZ	3.4846, 3.5322, 1.4754
YIQ	52.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

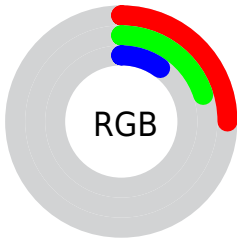
Format	Color
R_{YB}	46, 64, 26
Decimal	4207386
CIE _{Lab}	22.06, 2.05, 17.94
CIE _{LCh}	22, 18.057, 83.485
Yxy	3.5322, 0.4103, 0.4159
Android (android.graphics.Color)	4282397466 (0xFF40331A)
YUV	52.0370, -12.8362, 10.4916
Hunter-Lab	18.7942, 0.2058, 8.5015

Details

The Hex color **40331A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2740**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **716146**, and **100600** is the 20% darker color. If you saturate the color by 10%, you get **403114**, and if you desaturate by 10%, it is **403520**.

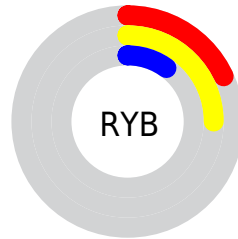
Distribution



Red (25%)

Green (20%)

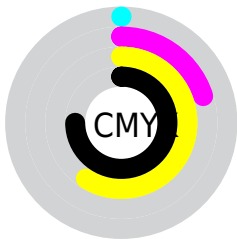
Blue (10%)



Red (18%)

Yellow (25%)

Blue (10%)

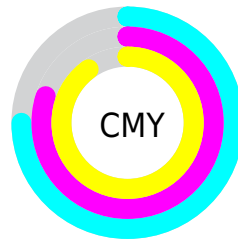


Cyan (0%)

Magenta (20%)

Yellow (59%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40331A 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 40331A by changing the saturation by 10% instead.



40331A



40331A

FFFFFF



2A1E00



716146



100600



8B7A5E



000000



A69476



C1AE90



DDCAAB



FAE6C6



FFFFE2



40331A



40331A

■ 403114

■ 403520

■ 402F0D

■ 403727

■ 402C07

■ 403A2D

■ 402A00

■ 403C34

■ 403E3A

■ 404040

■ 404247

■ 40454D

■ 404754

Harmonies

Analogous

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



4A2E20



40331A



33371C

Triad

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



40331A



003C3F



432E45

Complementary

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



40331A



1A2740

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.



32324D



40331A



003A4A

Square

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



40331A



103C31



1B374F



4C2A38

Rectangle

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



40331A



293921



1B374F



3E2F48

Sweetspot

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



40331A



544F45



401A27



2B2822



ABABAB



2B2B2B

Same Dimension

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



40331A



544018



3A401A



21201E



614000



E09400

Inverse Universe

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



1A2740



182D54



201A40



1E1F21



002161



004DE0

Previews

White Background



This preview shows how the Hex color 40331A looks on a white background.

Color Contrast Check

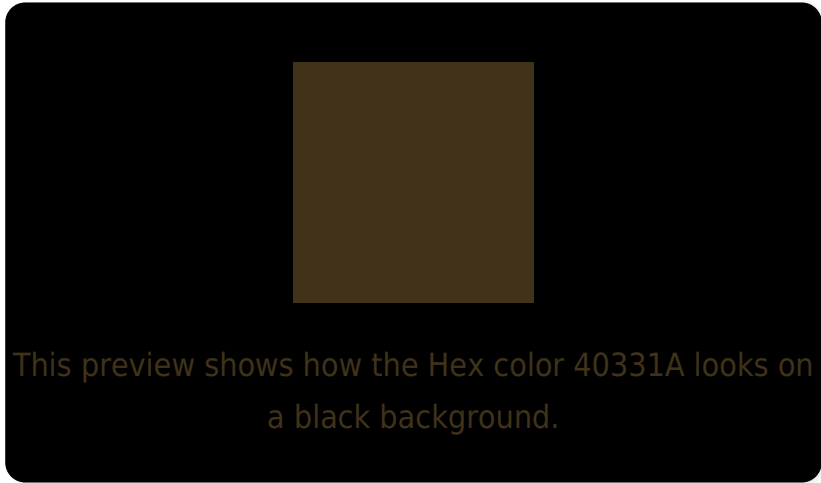
Large Text (above 18pt) WCAG AA ✓ Pass

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

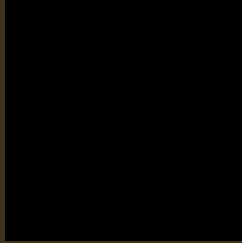
Any Text WCAG AA × Fail

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 40331A Background



This preview shows how black text looks on a background with the Hex color 40331A.

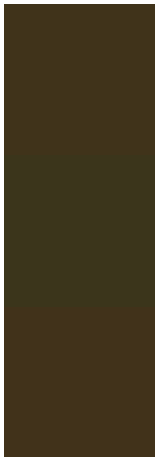


This preview shows how white text looks on a background with the Hex color 40331A.

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](#).

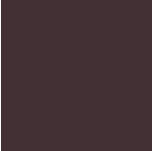
Dichromacy



Original Color
40331A

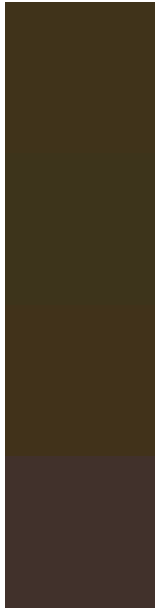
Protanopia
3B351B

Deuteranopia
41321A



Tritanopia
423034

Trichromacy



Original Color
40331A

Protanomaly
3D341B

Deuteranomaly
41321A

Tritanomaly
41312B

Monochromacy



Original Color
40331A

Achromatopsia
343434

Achromatomaly
38342B

CSS Examples

Text

The CSS property to change the color of the text to Hex 40331A 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 #40331A looks like.

```
.text, #text, p{  
    color:#40331A  
}
```

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 #40331A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40331A
}
```

Border

The CSS property to change the border of an element to Hex 40331A 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
#40331A }
```

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

```
.border{ border-color:#40331A }
```

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

Here you see how a box with a 4 pixel #40331A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40331A; -webkit-box-shadow:4px 4px  
4px 4px #40331A; box-shadow:4px 4px 4px  
4px #40331A }
```

Background

The CSS property to change the background color of an element to Hex 40331A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40331A }
```

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

```
.background{ background-color:#40331A }
```

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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