

Converting Colors

Hex(40331D)

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

Hex(40331D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(40331D)

Conversions

Conversions Part 1

Format	Color
Hex	40331D
RGB	64, 51, 29
RGB Percent	25%, 20%, 11%
CMY	0.7490, 0.8000, 0.8863
CMYK	0.00, 0.20, 0.55, 0.75
HSL	38°, 38%, 18%
HSV	38°, 55%, 25%
XYZ	3.5200, 3.5464, 1.6614
YIQ	52.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

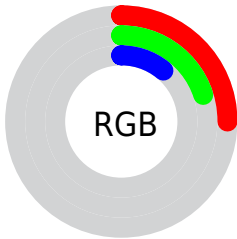
Format	Color
R_{YB}	50, 64, 29
Decimal	4207389
CIE Lab	22.11, 2.39, 16.10
CIE LCh	22, 16.279, 81.559
Yxy	3.5464, 0.4033, 0.4063
Android (android.graphics.Color)	4282397469 (0xFF40331D)
YUV	52.3790, -11.5258, 10.1916
Hunter-Lab	18.8318, 0.4089, 7.9515

Details

The Hex color **40331D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D2A40**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **716149**, and **110500** is the 20% darker color. If you saturate the color by 10%, you get **403117**, and if you desaturate by 10%, it is **403523**.

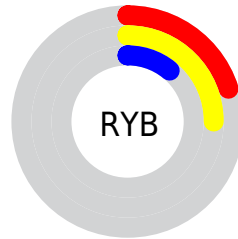
Distribution



Red (25%)

Green (20%)

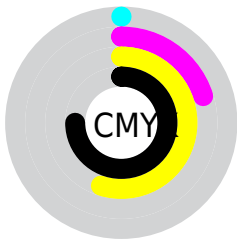
Blue (11%)



Red (20%)

Yellow (25%)

Blue (11%)

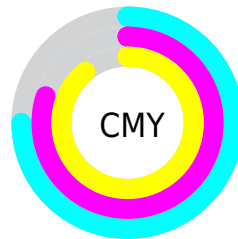


Cyan (0%)

Magenta (20%)

Yellow (55%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (89%)

Brightness & Saturation Gradients

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

■ 40331D

■ 40331D

FFFFFF

■ 2A1E05

■ 716149

■ 110500

■ 8B7A61

■ 000000

■ A5947A

■ C1AE94

■ DDCAAE

■ FAE6CA

■ FFFFE6

■ 40331D

■ 40331D

■ 403117

■ 403523

■ 402E10

■ 40382A

■ 402C0A

■ 403A30

■ 402903

■ 403D37

■ 402800

■ 403F3D

■ 404143

■ 40444A

■ 404650

■ 404857

Harmonies

Analogous

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



492F22



40331D



34371E

Triad

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



40331D



073B3D



412F44

Complementary

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



40331D



1D2A40

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.



31334B



40331D



0A3A47

Square

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



40331D



173B31



1E374D



4A2C39

Rectangle

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



40331D



2B3922



1E374D



3C3047

Sweetspot

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



40331D



544F47



401D2A



2B2823



ABABAB



2B2B2B

Same Dimension

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



40331D



54401D



3C401D



21201E



613D00



E08D00

Inverse Universe

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



1D2A40



1D3154



211D40



1E1F21



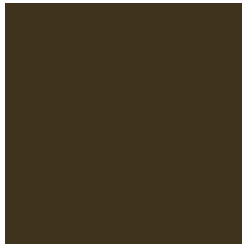
002461



0053E0

Previews

White Background



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

Color Contrast Check

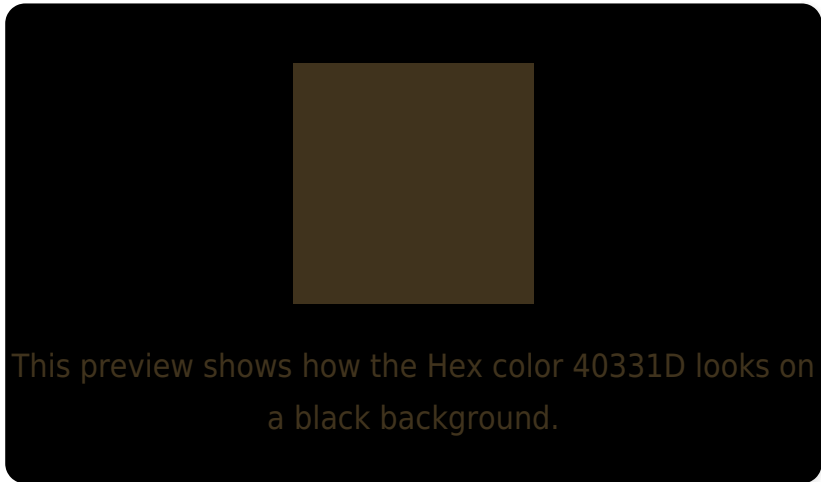
Large Text (above 18pt) WCAG AA ✓ Pass

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

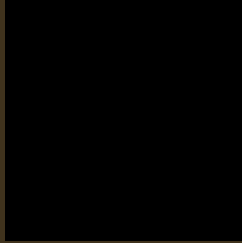
Any Text WCAG AA × Fail

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 40331D Background



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

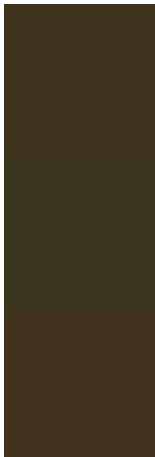


This preview shows how white text looks on a background with the Hex color 40331D.

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
40331D

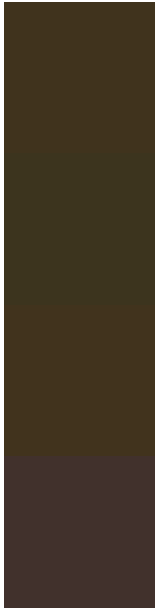
Protanopia
3A351E

Deuteranopia
41331D



Tritanopia
423034

Trichromacy



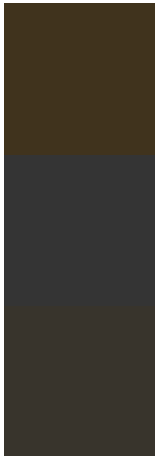
Original Color
40331D

Protanomaly
3C341E

Deuteranomaly
41331D

Tritanomaly
41312C

Monochromacy



Original Color
40331D

Achromatopsia
343434

Achromatomaly
38342C

CSS Examples

Text

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

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

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 #40331D colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 40331D 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".

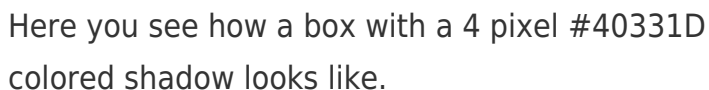
```
.border, #border, table{ border:4px solid
#40331D }
```

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

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

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

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



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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor