

Converting Colors

Hex(00331D)

Have a look what the booklet for
Hex(00331D) contains.

Hex(00331D)	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(00331D)

Conversions

Conversions Part 1

Format	Color
Hex	00331D
RGB	0, 51, 29
RGB Percent	0%, 20%, 11%
CMY	1.0000, 0.8000, 0.8863
CMYK	1.00, 0.00, 0.43, 0.80
HSL	154°, 100%, 10%
HSV	154°, 100%, 20%
XYZ	1.4056, 2.4564, 1.5624
YIQ	33.2430, -23.3340, -17.6540

Conversions

Conversions Part 2

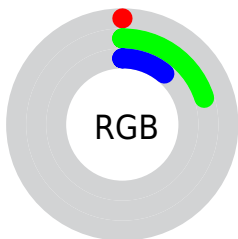
Format	Color
RYB	0, 33, 51
Decimal	13085
CIELab	17.72, -22.62, 9.54
CIELCh	18, 24.546, 157.136
Yxy	2.4564, 0.2591, 0.4528
Android (android.graphics.Color)	4278203165 (0xFF00331D)
YUV	33.2430, -2.0918, -29.1541
Hunter-Lab	15.6728, -11.4188, 5.0603

Details

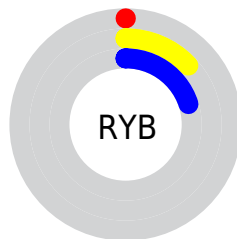
The Hex color **00331D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330016**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **336249**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00331D**, and if you desaturate by 10%, it is **05331F**.

Distribution



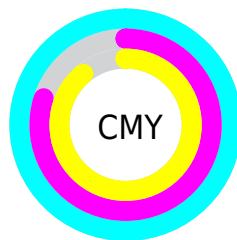
- Red (0%)
- Green (20%)
- Blue (11%)



- Red (0%)
- Yellow (13%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00331D 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 00331D by changing the saturation by 10% instead.

 00331D

 00331D

 ECFFFF

 001F04

 336249

 000000

 4B7B60

 649579

 7EB093

 99CCAE

 B4E8C9

 D0FFE5

 00331D

■ 05331F

■ 0A3321

■ 0F3324

■ 143326

■ 1A3328

■ 1F332A

■ 24332C

■ 29332F

■ 2E3331

Harmonies

Analogous

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



1E300D



00331D



00342F

Triad

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



00331D



0F2C4E



491F17

Complementary

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



00331D



330016

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.



4C1B28



00331D



322548

Square

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



00331D



00314C



441E39



402508

Rectangle

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



00331D



00343B



441E39



4B1D1C

Sweetspot

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



00331D



2E423A



163300



15211C



A1A1A1



212121

Same Dimension

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



00331D



004226



003033



171A18



005933



00D97B

Inverse Universe

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



330016



42001D



330300



1A1718



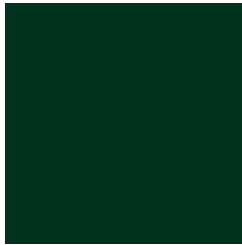
590027



D9005E

Previews

White Background



This preview shows how the Hex color 00331D looks on a white background.

Color Contrast Check

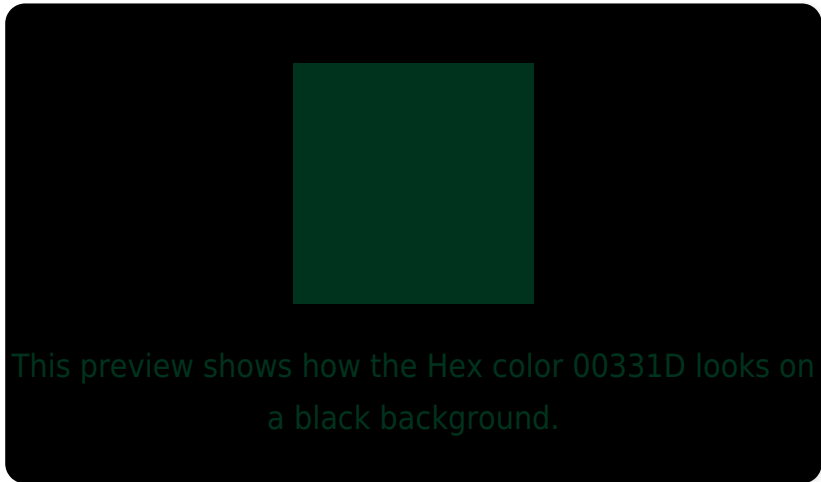
Large Text (above 18pt) WCAG AA ✓ Pass

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

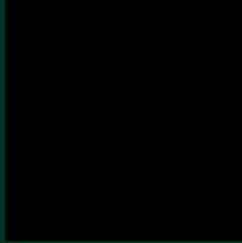
Any Text WCAG AA × Fail

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 00331D Background



This preview shows how black text looks on a background with the Hex color 00331D.



This preview shows how white text looks on a background with the Hex color 00331D.

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](#).

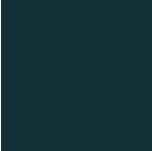
Dichromacy



Original Color
00331D

Protanopia
302C1A

Deuteranopia
342A1F



Tritanopia
133034

Trichromacy



Original Color
00331D

Protanomaly
1F2F1B

Deuteranomaly
212D1E

Tritanomaly
0C312C

Monochromacy



Original Color
00331D

Achromatopsia
212121

Achromatomaly
152820

CSS Examples

Text

The CSS property to change the color of the text to Hex 00331D 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 #00331D looks like.

```
.text, #text, p{  
    color:#00331D  
}
```

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 #00331D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00331D
}
```

Border

The CSS property to change the border of an element to Hex 00331D 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
#00331D }
```

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

```
.border{ border-color:#00331D }
```

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

Here you see how a box with a 4 pixel #00331D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00331D; -webkit-box-shadow:4px 4px  
4px 4px #00331D; box-shadow:4px 4px 4px  
4px #00331D }
```

Background

The CSS property to change the background color of an element to Hex 00331D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00331D }
```

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

```
.background{ background-color:#00331D }
```

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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