

Converting Colors

Hex(033811)

Have a look what the booklet for
Hex(033811) contains.

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Color

Hex(033811)

Conversions

Conversions Part 1

Format	Color
Hex	033811
RGB	3, 56, 17
RGB Percent	1%, 22%, 7%
CMY	0.9882, 0.7804, 0.9333
CMYK	0.95, 0.00, 0.70, 0.78
HSL	136°, 90%, 12%
HSV	136°, 95%, 22%
XYZ	1.5529, 2.8882, 1.0059
YIQ	35.7070, -19.0690, -23.3650

Conversions

Conversions Part 2

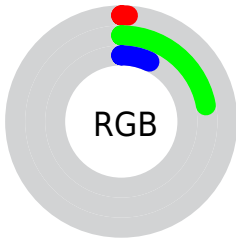
Format	Color
R_YB	3, 45, 56
Decimal	210961
CIE _{Lab}	19.59, -26.53, 19.40
CIE _{LCh}	20, 32.867, 143.832
Yxy	2.8882, 0.2851, 0.5302
Android (android.graphics.Color)	4278401041 (0xFF033811)
YUV	35.7070, -9.2226, -28.6840
Hunter-Lab	16.9946, -13.4300, 8.3868

Details

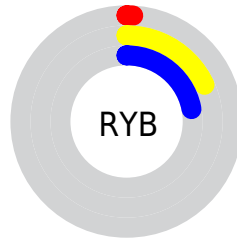
The Hex color **033811** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **38032A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **38683D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00380F**, and if you desaturate by 10%, it is **093815**.

Distribution



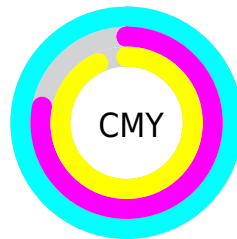
- Red (1%)
- Green (22%)
- Blue (7%)



- Red (1%)
- Yellow (18%)
- Blue (22%)



- Cyan (95%)
- Magenta (0%)
- Yellow (70%)
- Black (78%)



- Cyan (99%)
- Magenta (78%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033811 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 033811 by changing the saturation by 10% instead.

 033811

 033811

 F2FFF4

 002300

 38683D

 000000

 508154

 699B6C

 83B686

 9ED2A0

 BAEEBB

 D6FFD7

 033811

 033811

■ 00380F

■ 093815

■ 0E3819

■ 14381D

■ 193821

■ 1F3826

■ 25382A

■ 2A382E

■ 303832

■ 353836

Harmonies

Analogous

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



293400



033811



003A2A

Triad

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



033811



00345F



59181E

Complementary

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



033811



38032A

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.



571635



033811



242B5C

Square

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



033811



003956



47204C



502205

Rectangle

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



033811



003A3A



47204C



5A1625

Sweetspot

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



033811



354A3B



2B3803



19261D



A6A6A6



262626

Same Dimension

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



033811



004A14



03382B



191C1A



005C18



00DB3A

Inverse Universe

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



38032A



4A0036



380310



1C191B



5C0044



DB00A1

Previews

White Background



This preview shows how the Hex color 033811 looks on a white background.

Color Contrast Check

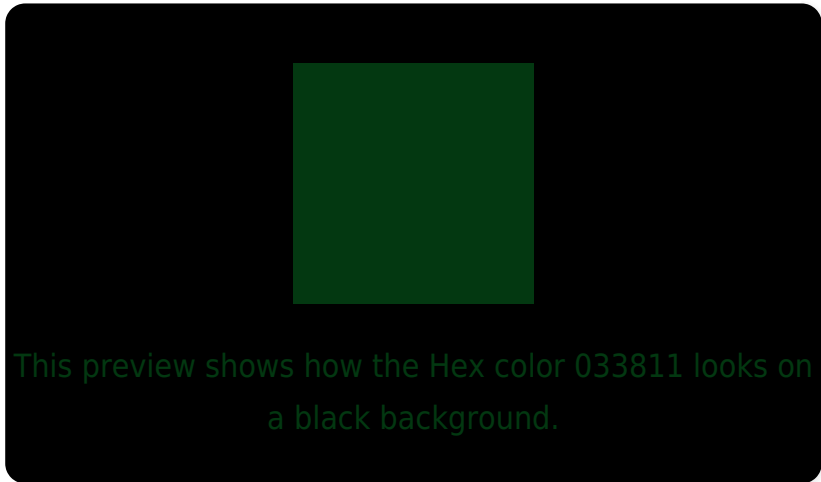
Large Text (above 18pt) WCAG AA ✓ Pass

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

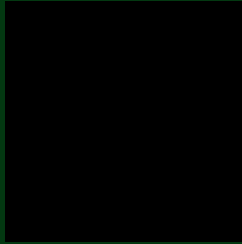
Any Text WCAG AA × Fail

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 033811 Background



This preview shows how black text looks on a background with the Hex color 033811.



This preview shows how white text looks on a background with the Hex color 033811.

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](#).

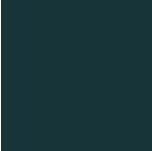
Dichromacy



Original Color
033811

Protanopia
36300F

Deuteranopia
3C2E15



Tritanopia
173439

Trichromacy



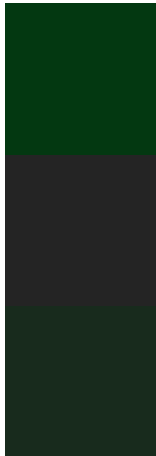
Original Color
033811

Protanomaly
233310

Deuteranomaly
273214

Tritanomaly
10352A

Monochromacy



Original Color
033811

Achromatopsia
242424

Achromatomaly
182B1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 033811 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 #033811 looks like.

```
.text, #text, p{  
    color:#033811  
}
```

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 #033811 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033811
}
```

Border

The CSS property to change the border of an element to Hex 033811 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
#033811 }
```

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

```
.border{ border-color:#033811 }
```

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

Here you see how a box with a 4 pixel #033811 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033811; -webkit-box-shadow:4px 4px  
4px 4px #033811; box-shadow:4px 4px 4px  
4px #033811 }
```

Background

The CSS property to change the background color of an element to Hex 033811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033811 }
```

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

```
.background{ background-color:#033811 }
```

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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