

Converting Colors

Hex(033D00)

Have a look what the booklet for
Hex(033D00) contains.

Hex(033D00)	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(033D00)

Conversions

Conversions Part 1

Format	Color
Hex	033D00
RGB	3, 61, 0
RGB Percent	1%, 24%, 0%
CMY	0.9882, 0.7608, 1.0000
CMYK	0.95, 0.00, 1.00, 0.76
HSL	117°, 100%, 12%
HSV	117°, 100%, 24%
XYZ	1.7063, 3.3568, 0.5580
YIQ	36.7040, -14.9870, -31.2670

Conversions

Conversions Part 2

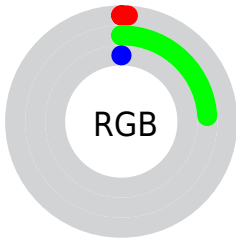
Format	Color
RYB	0, 61, 58
Decimal	212224
CIELab	21.42, -30.37, 28.95
CIELCh	21, 41.958, 136.373
Yxy	3.3568, 0.3035, 0.5972
Android (android.graphics.Color)	4278402304 (0xFF033D00)
YUV	36.7040, -18.0951, -29.5584
Hunter-Lab	18.3217, -15.4393, 11.0195

Details

The Hex color **033D00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A003D**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3A6D30**, and **000A00** is the 20% darker color. If you saturate the color by 10%, you get **033D00**, and if you desaturate by 10%, it is **093D06**.

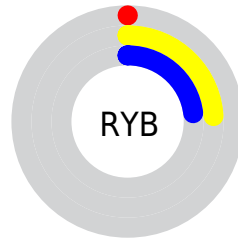
Distribution



Red (1%)

Green (24%)

Blue (0%)



Red (0%)

Yellow (24%)

Blue (23%)

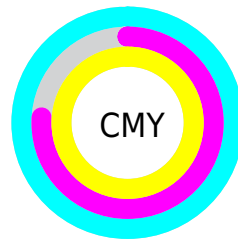


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (99%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033D00 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 033D00 by changing the saturation by 10% instead.

 033D00

 033D00

 F7FFE5

 002700

 3A6D30

 000A00

 538747

 000000

 6DA15F

 87BD79

 A2D993

 BEF5AE

 DAFFC9

 033D00

■ 093D06

■ 0F3D0C

■ 143D12

■ 1A3D18

■ 203D1F

■ 263D25

■ 2C3D2B

■ 313D31

■ 373D37

Harmonies

Analogous

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



313700



033D00



004024

Triad

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



033D00



003B70



690B24

Complementary

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



033D00



3A003D

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.



630E43



033D00



003170

Square

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



033D00



004060



49225F



601D03

Rectangle

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



033D00



004139



49225F



69082E

Sweetspot

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



033D00



394F37



3D3A00



1B291A



A8A8A8



292929

Same Dimension

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



033D00



044F00



003D1B



1C1F1C



055E00



0BDE00

Inverse Universe

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



3A003D



4B004F



3D0022



1E1C1F



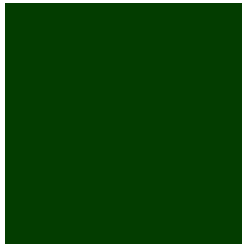
5A005E



D300DE

Previews

White Background



This preview shows how the Hex color 033D00 looks on a white background.

Color Contrast Check

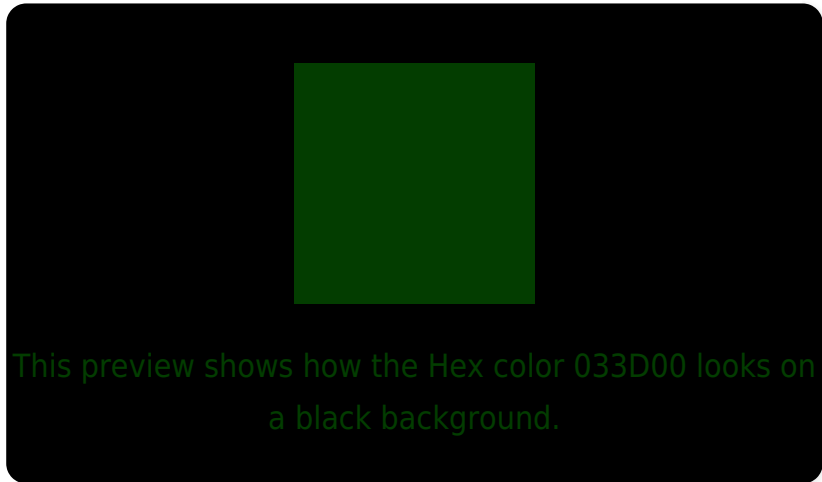
Large Text (above 18pt) WCAG AA ✓ Pass

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

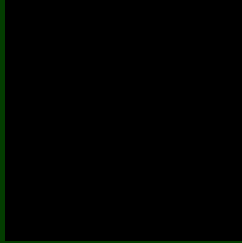
Any Text WCAG AA × Fail

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 033D00 Background



This preview shows how black text looks on a background with the Hex color 033D00.



This preview shows how white text looks on a background with the Hex color 033D00.

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](#).

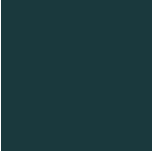
Dichromacy



Original Color
033D00

Protanopia
3B3400

Deuteranopia
41310D



Tritanopia
1A393D

Trichromacy



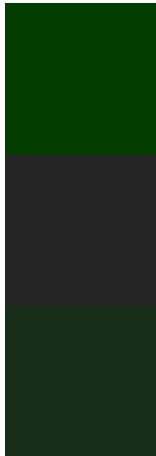
Original Color
033D00

Protanomaly
273700

Deuteranomaly
2A3508

Tritanomaly
123A27

Monochromacy



Original Color
033D00

Achromatopsia
252525

Achromatomaly
192E18

CSS Examples

Text

The CSS property to change the color of the text to Hex 033D00 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 #033D00 looks like.

```
.text, #text, p{  
    color:#033D00  
}
```

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 #033D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033D00
}
```

Border

The CSS property to change the border of an element to Hex 033D00 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
#033D00 }
```

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

```
.border{ border-color:#033D00 }
```

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

Here you see how a box with a 4 pixel #033D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033D00; -webkit-box-shadow:4px 4px  
4px 4px #033D00; box-shadow:4px 4px 4px  
4px #033D00 }
```

Background

The CSS property to change the background color of an element to Hex 033D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033D00 }
```

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

```
.background{ background-color:#033D00 }
```

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