

Converting Colors

Hex(033A03)

Have a look what the booklet for
Hex(033A03) contains.

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Color

Hex(033A03)

Conversions

Conversions Part 1

Format	Color
Hex	033A03
RGB	3, 58, 3
RGB Percent	1%, 23%, 1%
CMY	0.9882, 0.7725, 0.9882
CMYK	0.95, 0.00, 0.95, 0.77
HSL	120°, 90%, 12%
HSV	120°, 95%, 23%
XYZ	1.5670, 3.0520, 0.5927
YIQ	35.2850, -15.1250, -28.7650

Conversions

Conversions Part 2

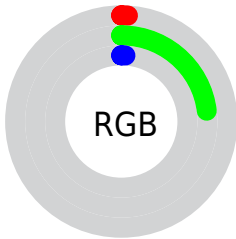
Format	Color
R_{YB}	3, 58, 58
Decimal	211459
CIE _{Lab}	20.25, -29.00, 26.44
CIE _{LCh}	20, 39.241, 137.642
Yxy	3.0520, 0.3007, 0.5856
Android (android.graphics.Color)	4278401539 (0xFF033A03)
YUV	35.2850, -15.9165, -28.3139
Hunter-Lab	17.4701, -14.5615, 10.2177

Details

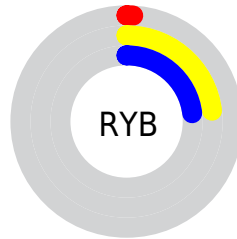
The Hex color **033A03** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3A033A**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **396A32**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **003A00**, and if you desaturate by 10%, it is **093A09**.

Distribution



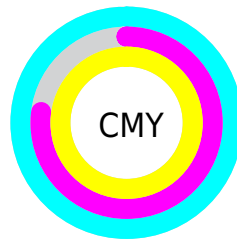
- Red (1%)
- Green (23%)
- Blue (1%)



- Red (1%)
- Yellow (23%)
- Blue (23%)



- Cyan (95%)
- Magenta (0%)
- Yellow (95%)
- Black (77%)



- Cyan (99%)
- Magenta (77%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 033A03 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 033A03 by changing the saturation by 10% instead.

 033A03

 033A03

 F5FFE7

 002500

 396A32

 000200

 528449

 000000

 6B9E61

 85B97A

 A0D595

 BCF1AF

 D8FFCB

 033A03

 033A03

■ 003A00

■ 093A09

■ 0F3A0F

■ 143A14

■ 1A3A1A

■ 203A20

■ 263A26

■ 2C3A2C

■ 313A31

■ 373A37

Harmonies

Analogous

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



2E3500



033A03



003D24

Triad

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



033A03



003869



620E21

Complementary

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



033A03



3A033A

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.



5D103E



033A03



082E68

Square

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



033A03



003C5B



462058



5A1D02

Rectangle

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



033A03



003D38



462058



620C2B

Sweetspot

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



033A03



374D37



3A3A03



192619



A6A6A6



262626

Same Dimension

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



033A03



004D00



033A1E



191C19



005C00



00DB00

Inverse Universe

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



3A033A



4D004D



3A031E



1C191C



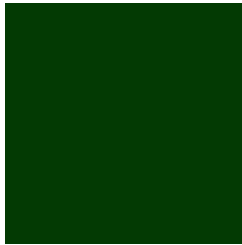
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 033A03 looks on a white background.

Color Contrast Check

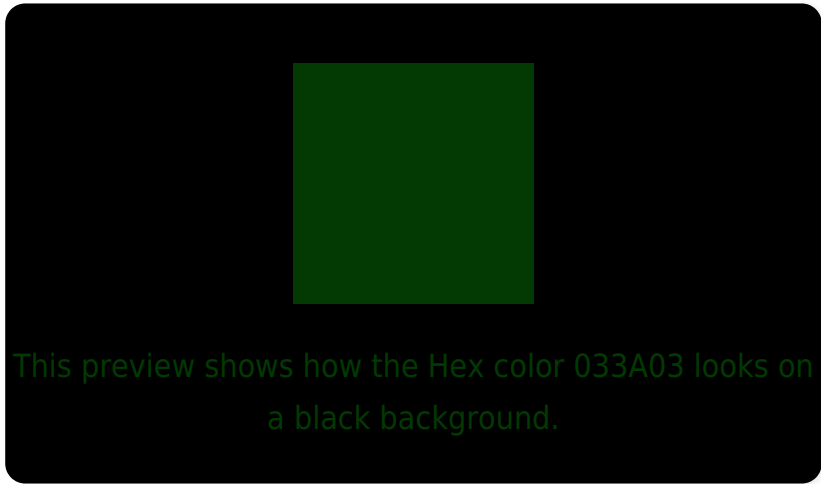
Large Text (above 18pt) WCAG AA ✓ Pass

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

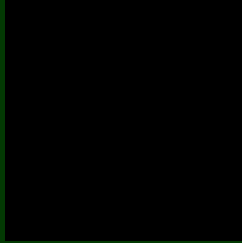
Any Text WCAG AA × Fail

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 033A03 Background



This preview shows how black text looks on a background with the Hex color 033A03.



This preview shows how white text looks on a background with the Hex color 033A03.

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](#).

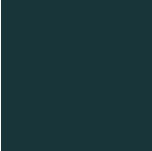
Dichromacy



Original Color
033A03

Protanopia
383200

Deuteranopia
3E2F0D



Tritanopia
18363A

Trichromacy



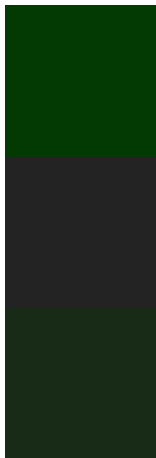
Original Color
033A03

Protanomaly
253501

Deuteranomaly
293309

Tritanomaly
103726

Monochromacy



Original Color
033A03

Achromatopsia
232323

Achromatomaly
172B17

CSS Examples

Text

The CSS property to change the color of the text to Hex 033A03 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 #033A03 looks like.

```
.text, #text, p{  
    color:#033A03  
}
```

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 #033A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #033A03
}
```

Border

The CSS property to change the border of an element to Hex 033A03 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
#033A03 }
```

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

```
.border{ border-color:#033A03 }
```

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

Here you see how a box with a 4 pixel #033A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #033A03; -webkit-box-shadow:4px 4px  
4px 4px #033A03; box-shadow:4px 4px 4px  
4px #033A03 }
```

Background

The CSS property to change the background color of an element to Hex 033A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#033A03 }
```

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

```
.background{ background-color:#033A03 }
```

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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