

Converting Colors

Hex(003803)

Have a look what the booklet for
Hex(003803) contains.

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Color

Hex(003803)

Conversions

Conversions Part 1

Format	Color
Hex	003803
RGB	0, 56, 3
RGB Percent	0%, 22%, 1%
CMY	1.0000, 0.7804, 0.9882
CMYK	1.00, 0.00, 0.95, 0.78
HSL	123°, 100%, 11%
HSV	123°, 100%, 22%
XYZ	1.4306, 2.8349, 0.5579
YIQ	33.2140, -16.3630, -28.3550

Conversions

Conversions Part 2

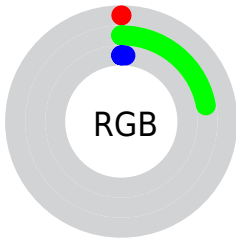
Format	Color
RYB	0, 53, 56
Decimal	14339
CIELab	19.37, -29.01, 25.42
CIELCh	19, 38.566, 138.774
Yxy	2.8349, 0.2966, 0.5877
Android (android.graphics.Color)	4278204419 (0xFF003803)
YUV	33.2140, -14.8955, -29.1287
Hunter-Lab	16.8372, -14.2985, 9.8213

Details

The Hex color **003803** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **380035**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **366831**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003803**, and if you desaturate by 10%, it is **063808**.

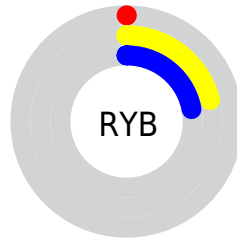
Distribution



Red (0%)

Green (22%)

Blue (1%)



Red (0%)

Yellow (21%)

Blue (22%)

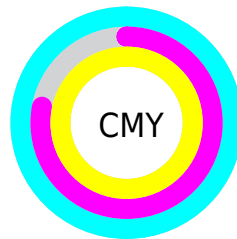


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (78%)



Cyan (100%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003803 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 003803 by changing the saturation by 10% instead.

 003803

 003803

 F1FFE7

 002300

 366831

 000000

 4F8149

 689C61

 82B77A

 9DD294

 B9EFAF

 D5FFCB

 003803

■ 063808

■ 0B380E

■ 113813

■ 163818

■ 1C381E

■ 223823

■ 273828

■ 2D382D

■ 323833

Harmonies

Analogous

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



2B3300



003803



003A23

Triad

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



003803



003567



5F0D1F

Complementary

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



003803



380035

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.



5B0E3B



003803



0D2C65

Square

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



003803



003A59



451E54



561C00

Rectangle

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



003803



003B37



451E54



5F0A28

Sweetspot

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



003803



344A35



353800



182619



A6A6A6



262626

Same Dimension

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



003803



004A04



00381F



191C19



005C05



00DB0C

Inverse Universe

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



380035



4A0046



380019



1C191C



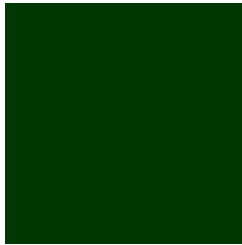
5C0057



DB00D0

Previews

White Background



This preview shows how the Hex color 003803 looks on a white background.

Color Contrast Check

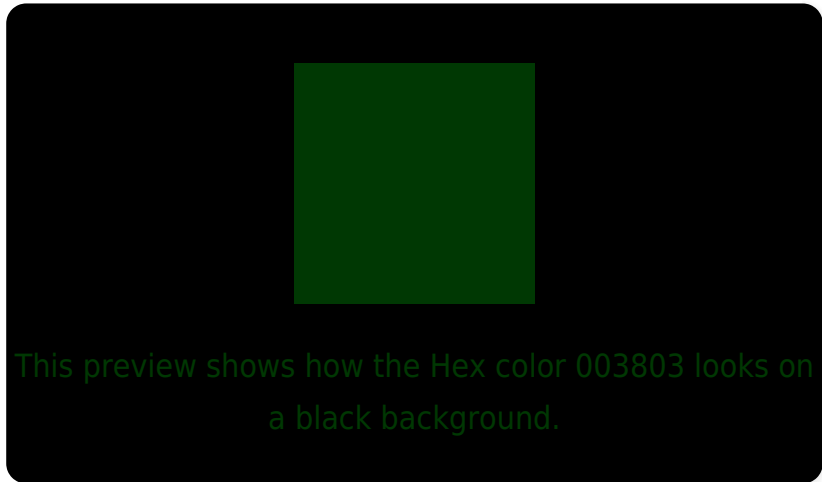
Large Text (above 18pt) WCAG AA ✓ Pass

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

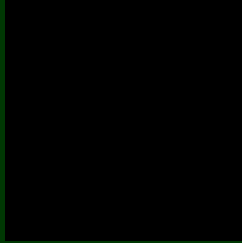
Any Text WCAG AA × Fail

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 003803 Background



This preview shows how black text looks on a background with the Hex color 003803.



This preview shows how white text looks on a background with the Hex color 003803.

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](#).

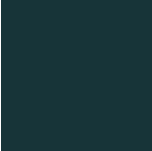
Dichromacy



Original Color
003803

Protanopia
363000

Deuteranopia
3C2D0C



Tritanopia
173438

Trichromacy



Original Color
003803

Protanomaly
223301

Deuteranomaly
263109

Tritanomaly
0F3525

Monochromacy



Original Color
003803

Achromatopsia
212121

Achromatomaly
152916

CSS Examples

Text

The CSS property to change the color of the text to Hex 003803 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 #003803 looks like.

```
.text, #text, p{  
    color:#003803  
}
```

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 #003803 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003803  
}
```

Border

The CSS property to change the border of an element to Hex 003803 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  
#003803 }
```

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

```
.border{ border-color:#003803 }
```

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

Here you see how a box with a 4 pixel #003803 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003803; -webkit-box-shadow:4px 4px  
4px 4px #003803; box-shadow:4px 4px 4px  
4px #003803 }
```

Background

The CSS property to change the background color of an element to Hex 003803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003803 }
```

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

```
.background{ background-color:#003803 }
```

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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