

Converting Colors

Hex(003000)

Have a look what the booklet for
Hex(003000) contains.

| | |
|--|----|
| Hex(003000) | 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(003000)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 003000 |
| RGB | 0, 48, 0 |
| RGB Percent | 0%, 19%, 0% |
| CMY | 1.0000, 0.8118, 1.0000 |
| CMYK | 1.00, 0.00, 1.00, 0.81 |
| HSL | 120°, 100%, 9% |
| HSV | 120°, 100%, 19% |
| XYZ | 1.0570, 2.1139, 0.3523 |
| YIQ | 28.1760, -13.2000, -25.1040 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 48, 48 |
| Decimal | 12288 |
| CIELab | 16.07, -26.65, 22.67 |
| CIELCh | 16, 34.989, 139.605 |
| Yxy | 2.1139, 0.3000, 0.6000 |
| Android (android.graphics.Color) | 4278202368 (0xFF003000) |
| YUV | 28.1760, -13.8908, -24.7104 |
| Hunter-Lab | 14.5393, -12.4674, 8.7408 |

Details

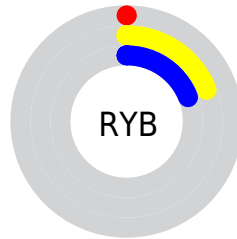
The Hex color **003000** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300030**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **315F2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003000**, and if you desaturate by 10%, it is **053005**.

Distribution



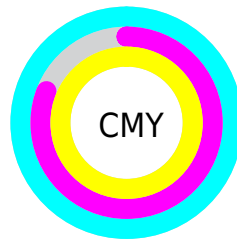
- Red (0%)
- Green (19%)
- Blue (0%)



- Red (0%)
- Yellow (19%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003000 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 003000 by changing the saturation by 10% instead.

 003000

 003000

 EBFFE3

 001D00

 315F2F

 000000

 4A7846

 63925E

 7DAD77

 97C891

 B3E4AB

 CEFFC7

 003000

■ 053005

■ 0A300A

■ 0E300E

■ 133013

■ 183018

■ 1D301D

■ 223022

■ 263026

■ 2B302B

Harmonies

Analogous

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



242C00



003000



00321E

Triad

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



003000



002E59



530A19

Complementary

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



003000



300030

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.



4F0A32



003000



0D2557

Square

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



003000



00324E



3C1849



4B1800

Rectangle

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



003000



003330



3C1849



530821

Sweetspot

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



003000



2B3D2B



303000



141F14



9E9E9E



1F1F1F

Same Dimension

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



003000



003D00



003018



151715



005700



00D600

Inverse Universe

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



300030



3D003D



300018



171517



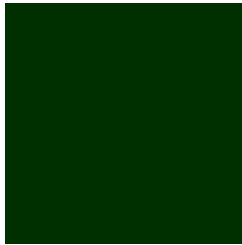
570057



D600D6

Previews

White Background



This preview shows how the Hex color 003000 looks on a white background.

Color Contrast Check

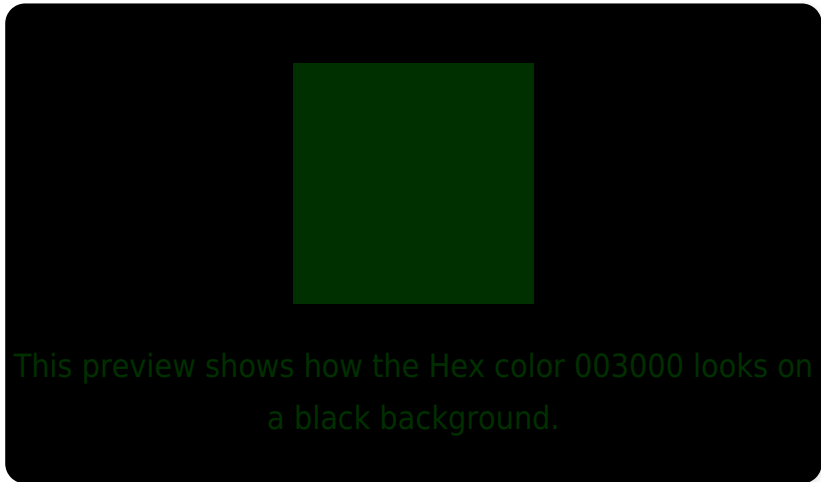
Large Text (above 18pt) WCAG AA ✓ Pass

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

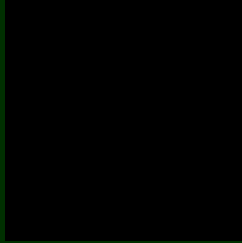
Any Text WCAG AA × Fail

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 003000 Background



This preview shows how black text looks on a background with the Hex color 003000.



This preview shows how white text looks on a background with the Hex color 003000.

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
003000

Protanopia
2E2900

Deuteranopia
34270A



Tritanopia
142D30

Trichromacy



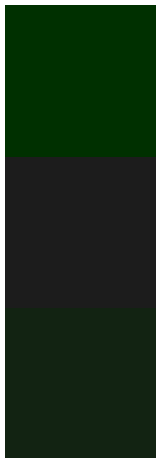
Original Color
003000

Protanomaly
1D2C00

Deuteranomaly
212A06

Tritanomaly
0D2E1F

Monochromacy



Original Color
003000

Achromatopsia
1C1C1C

Achromatomaly
122312

CSS Examples

Text

The CSS property to change the color of the text to Hex 003000 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 #003000 looks like.

```
.text, #text, p{  
    color:#003000  
}
```

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 #003000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003000
}
```

Border

The CSS property to change the border of an element to Hex 003000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

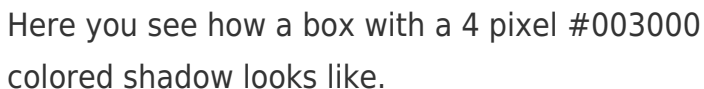
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003000 }
```

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

```
.border{ border-color:#003000 }
```

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



Here you see how a box with a 4 pixel #003000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003000; -webkit-box-shadow:4px 4px  
4px 4px #003000; box-shadow:4px 4px 4px  
4px #003000 }
```

Background

The CSS property to change the background color of an element to Hex 003000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003000 }
```

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

```
.background{ background-color:#003000 }
```

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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