

Converting Colors

Hex(003301)

Have a look what the booklet for
Hex(003301) contains.

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Color

Hex(003301)

Conversions

Conversions Part 1

Format	Color
Hex	003301
RGB	0, 51, 1
RGB Percent	0%, 20%, 0%
CMY	1.0000, 0.8000, 0.9961
CMYK	1.00, 0.00, 0.98, 0.80
HSL	121°, 100%, 10%
HSV	121°, 100%, 20%
XYZ	1.1893, 2.3698, 0.4235
YIQ	30.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

Format	Color
RYB	0, 50, 51
Decimal	13057
CIELab	17.32, -27.54, 23.80
CIELCh	17, 36.401, 139.160
Yxy	2.3698, 0.2986, 0.5950
Android (android.graphics.Color)	4278203137 (0xFF003301)
YUV	30.0510, -14.3221, -26.3547
Hunter-Lab	15.3943, -13.1498, 9.1451

Details

The Hex color **003301** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330032**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **336230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003301**, and if you desaturate by 10%, it is **053306**.

Distribution



Red (0%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (20%)



Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003301 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 003301 by changing the saturation by 10% instead.

 003301

 003301

 EEFFE4

 002000

 336230

 000000

 4C7B47

 65965F

 7FB078

 9ACC92

 B5E8AD

 D1FFC8

 003301

■ 053306

■ 0A330B

■ 0F3310

■ 143315

■ 1A331A

■ 1F331F

■ 243324

■ 293329

■ 2E332E

Harmonies

Analogous

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



262E00



003301



003520

Triad

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



003301



00315E



570B1B

Complementary

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



003301



330032

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.



540B35



003301



0C285C

Square

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



003301



003552



401A4D



4F1900

Rectangle

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



003301



003632



401A4D



580924

Sweetspot

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



003301



2E422F



323300



152115



A1A1A1



212121

Same Dimension

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



003301



004201



00331A



171A17



005902



00D904

Inverse Universe

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



330032



420041



330019



1A1719



590058



D900D5

Previews

White Background



This preview shows how the Hex color 003301 looks on a white background.

Color Contrast Check

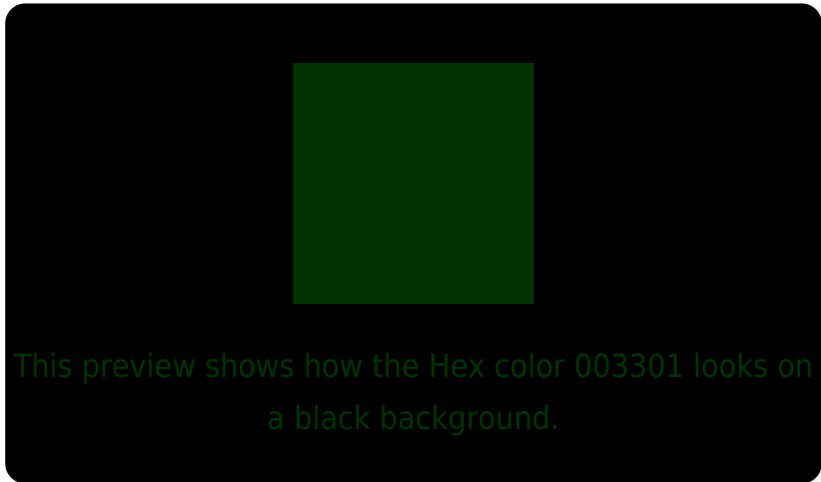
Large Text (above 18pt) WCAG AA ✓ Pass

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

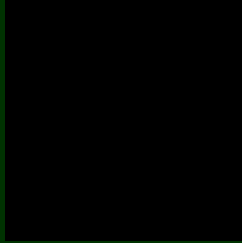
Any Text WCAG AA × Fail

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 003301 Background



This preview shows how black text looks on a background with the Hex color 003301.



This preview shows how white text looks on a background with the Hex color 003301.

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
003301

Protanopia
312C00

Deuteranopia
37290B



Tritanopia
152F33

Trichromacy



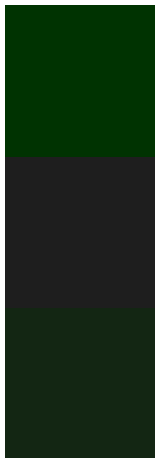
Original Color
003301

Protanomaly
1F2F00

Deuteranomaly
232D07

Tritanomaly
0D3021

Monochromacy



Original Color
003301

Achromatopsia
1E1E1E

Achromatomaly
132613

CSS Examples

Text

The CSS property to change the color of the text to Hex 003301 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 #003301 looks like.

```
.text, #text, p{  
    color:#003301  
}
```

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 #003301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003301
}
```

Border

The CSS property to change the border of an element to Hex 003301 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
#003301 }
```

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

```
.border{ border-color:#003301 }
```

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

Here you see how a box with a 4 pixel #003301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003301; -webkit-box-shadow:4px 4px  
4px 4px #003301; box-shadow:4px 4px 4px  
4px #003301 }
```

Background

The CSS property to change the background color of an element to Hex 003301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003301 }
```

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

```
.background{ background-color:#003301 }
```

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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