

Converting Colors

Hex(003300)

Have a look what the booklet for
Hex(003300) contains.

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Color

Hex(003300)

Conversions

Conversions Part 1

Format	Color
Hex	003300
RGB	0, 51, 0
RGB Percent	0%, 20%, 0%
CMY	1.0000, 0.8000, 1.0000
CMYK	1.00, 0.00, 1.00, 0.80
HSL	120°, 100%, 10%
HSV	120°, 100%, 20%
XYZ	1.1838, 2.3677, 0.3946
YIQ	29.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

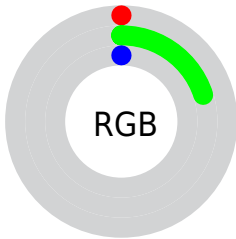
Format	Color
RYB	0, 51, 51
Decimal	13056
CIELab	17.31, -27.67, 24.20
CIELCh	17, 36.761, 138.832
Yxy	2.3677, 0.3000, 0.6000
Android (android.graphics.Color)	4278203136 (0xFF003300)
YUV	29.9370, -14.7589, -26.2547
Hunter-Lab	15.3872, -13.1945, 9.2505

Details

The Hex color **003300** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **330033**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **33622F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **003300**, and if you desaturate by 10%, it is **053305**.

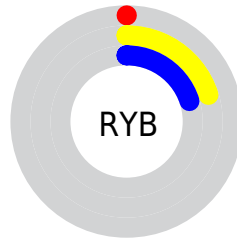
Distribution



Red (0%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (20%)

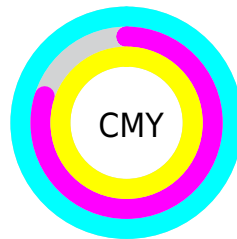


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 003300 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 003300 by changing the saturation by 10% instead.

 003300

 003300

 EEFFE3

 002000

 33622F

 000000

 4C7B46

 65965E

 7FB077

 9ACC91

 B5E8AC

 D1FFC7

 003300

■ 053305

■ 0A330A

■ 0F330F

■ 143314

■ 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.



272E00



003300



00351F

Triad

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



003300



00315F



580A1B

Complementary

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



003300



330033

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.



540B36



003300



0A285D

Square

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



003300



003552



3F1A4E



501900

Rectangle

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



003300



003632



3F1A4E



580824

Sweetspot

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



003300



2E422E



333300



152115



A1A1A1



212121

Same Dimension

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



003300



004200



00331A



171A17



005900



00D900

Inverse Universe

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



330033



420042



33001A



1A171A



590059



D900D9

Previews

White Background



This preview shows how the Hex color 003300 looks on a white background.

Color Contrast Check

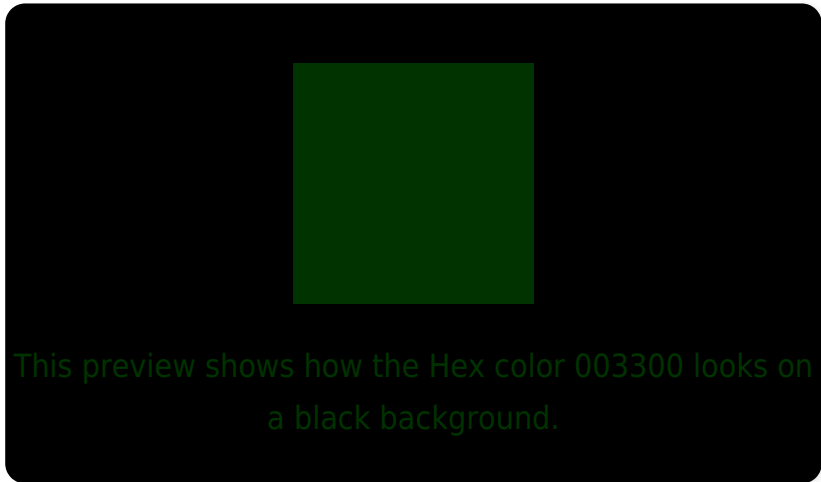
Large Text (above 18pt) WCAG AA ✓ Pass

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

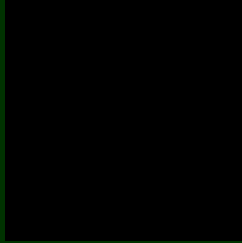
Any Text WCAG AA × Fail

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 003300 Background



This preview shows how black text looks on a background with the Hex color 003300.



This preview shows how white text looks on a background with the Hex color 003300.

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
003300

Protanopia
312C00

Deuteranopia
37290B



Tritanopia
152F33

Trichromacy



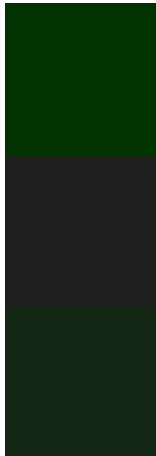
Original Color
003300

Protanomaly
1F2F00

Deuteranomaly
232D07

Tritanomaly
0D3020

Monochromacy



Original Color
003300

Achromatopsia
1E1E1E

Achromatomaly
132613

CSS Examples

Text

The CSS property to change the color of the text to Hex 003300 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 #003300 looks like.

```
.text, #text, p{  
    color:#003300  
}
```

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 #003300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003300
}
```

Border

The CSS property to change the border of an element to Hex 003300 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
#003300 }
```

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

```
.border{ border-color:#003300 }
```

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

Here you see how a box with a 4 pixel #003300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003300; -webkit-box-shadow:4px 4px  
4px 4px #003300; box-shadow:4px 4px 4px  
4px #003300 }
```

Background

The CSS property to change the background color of an element to Hex 003300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003300 }
```

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

```
.background{ background-color:#003300 }
```

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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