

Converting Colors

Hex(00C306)

Have a look what the booklet for
Hex(00C306) contains.

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Color

Hex(00C306)

Conversions

Conversions Part 1

Format	Color
Hex	00C306
RGB	0, 195, 6
RGB Percent	0%, 76%, 2%
CMY	1.0000, 0.2353, 0.9765
CMYK	1.00, 0.00, 0.97, 0.24
HSL	122°, 100%, 38%
HSV	122°, 100%, 76%
XYZ	19.5480, 39.0434, 6.6781
YIQ	115.1490, -55.5510, -100.1190

Conversions

Conversions Part 2

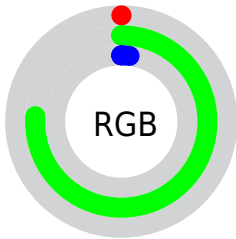
Format	Color
RYB	0, 189, 195
Decimal	49926
CIELab	68.78, -70.30, 67.30
CIELCh	69, 97.327, 136.249
Yxy	39.0434, 0.2995, 0.5982
Android (android.graphics.Color)	4278240006 (0xFF00C306)
YUV	115.1490, -53.8105, -100.9857
Hunter-Lab	62.4847, -53.5055, 37.4026

Details

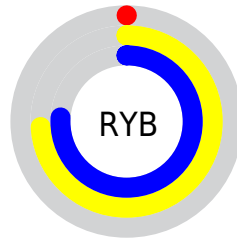
The Hex color **00C306** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **C300BD**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67FD51**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **00C306**, and if you desaturate by 10%, it is **13C319**.

Distribution



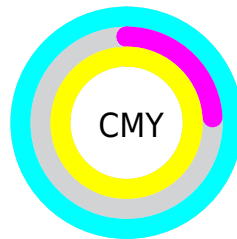
- Red (0%)
- Green (76%)
- Blue (2%)



- Red (0%)
- Yellow (74%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C306 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 00C306 by changing the saturation by 10% instead.

 00C306

 00C306

FFFFFF

 00A700

 67FD51

 008B00

 87FF6E

 007100

 A7FF8A

 005700

 C6FFA6

 003E00

 E5FFC3

 002500

 FFFF00

 000000

FFFFFFE

 00C306

 13C319

 27C32C

 3BC33F

 4EC352

 62C364

 75C377

 88C38A

 9CC39D

 B0C3B0

Harmonies

Analogous

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



9EB300



00C306



00CB7B

Triad

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



00C306



00BEFF



FF307D

Complementary

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



00C306



C300BD

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.



FF3AD4



00C306



00A3FF

Square

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



00C306



00CBFF



E475FF



FF6824

Rectangle

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



00C306



00CDB9



E475FF



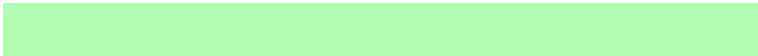
FF2699

Sweetspot

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



00C306



B1FCB3



C0C300



528053



000000



808080

Same Dimension

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



00C306



00FC08



00C365



576158



00A105



002101

Inverse Universe

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



C300BD



FC00F5



C3005E



615761



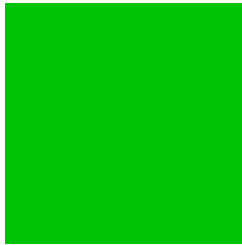
A1009C



210020

Previews

White Background



This preview shows how the Hex color 00C306 looks on a white background.

Color Contrast Check

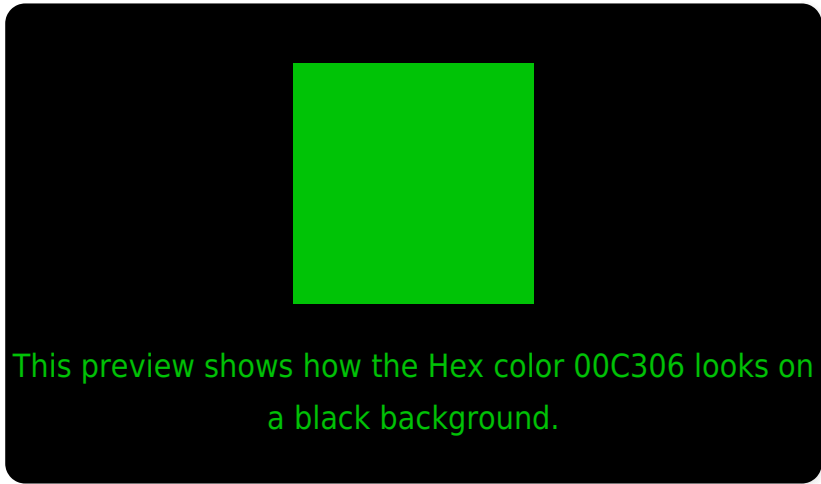
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00C306 Background



This preview shows how black text looks on a background with the Hex color 00C306.

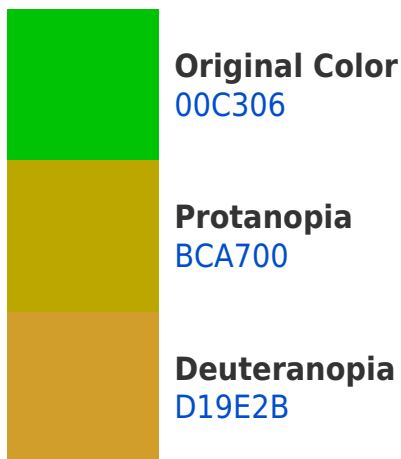


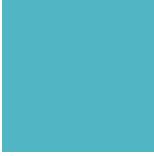
This preview shows how white text looks on a background with the Hex color 00C306.

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](#).

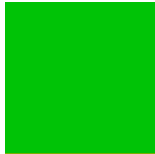
Dichromacy





Tritanopia
52B5C4

Trichromacy



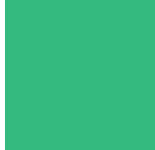
Original Color
00C306



Protanomaly
78B102



Deuteranomaly
85AB1E



Tritanomaly
34BA7F

Monochromacy



Original Color
00C306



Achromatopsia
737373



Achromatomaly
49904B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C306 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 #00C306 looks like.

```
.text, #text, p{  
    color:#00C306  
}
```

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 #00C306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C306
}
```

Border

The CSS property to change the border of an element to Hex 00C306 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".

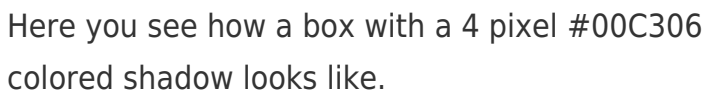
```
.border, #border, table{ border:4px solid
#00C306 }
```

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

```
.border{ border-color:#00C306 }
```

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

Here you see how a box with a 4 pixel #00C306 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C306; -webkit-box-shadow:4px 4px  
4px 4px #00C306; box-shadow:4px 4px 4px  
4px #00C306 }
```

Background

The CSS property to change the background color of an element to Hex 00C306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C306 }
```

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

```
.background{ background-color:#00C306 }
```

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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