

Converting Colors

Hex(00AB05)

Have a look what the booklet for
Hex(00AB05) contains.

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Color

Hex(00AB05)

Conversions

Conversions Part 1

Format	Color
Hex	00AB05
RGB	0, 171, 5
RGB Percent	0%, 67%, 2%
CMY	1.0000, 0.3294, 0.9804
CMYK	1.00, 0.00, 0.97, 0.33
HSL	122°, 100%, 34%
HSV	122°, 100%, 67%
XYZ	14.5903, 29.1368, 4.9986
YIQ	100.9470, -48.6300, -87.8780

Conversions

Conversions Part 2

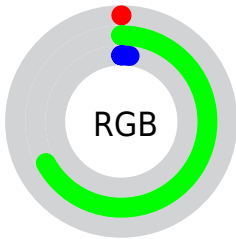
Format	Color
RYB	0, 166, 171
Decimal	43781
CIELab	60.90, -63.76, 60.98
CIELCh	61, 88.222, 136.276
Yxy	29.1368, 0.2994, 0.5980
Android (android.graphics.Color)	4278233861 (0xFF00AB05)
YUV	100.9470, -47.3019, -88.5305
Hunter-Lab	53.9785, -46.2141, 32.2945

Details

The Hex color **00AB05** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AB00A6**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5FE44C**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **00AB05**, and if you desaturate by 10%, it is **11AB16**.

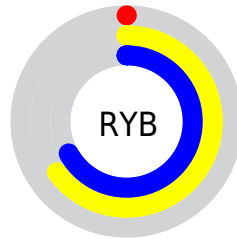
Distribution



Red (0%)

Green (67%)

Blue (2%)



Red (0%)

Yellow (65%)

Blue (67%)

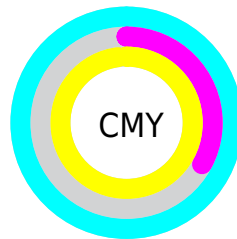


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (33%)



Cyan (100%)

Magenta (33%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AB05 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 00AB05 by changing the saturation by 10% instead.

 00AB05

 00AB05

FFFFFF

 009000

 5FE44C

 007500

 7FFF67

 005B00

 9DFF83

 004200

 BCFF9F

 002A00

 DAFFBB

 000600

 F9FFD8

 000000

 FFFFF5

 00AB05

 11AB16

 22AB26

 33AB37

 44AB47

 55AB58

 67AB69

 78AB79

 89AB8A

 9AAB9A

Harmonies

Analogous

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



8A9C00



00AB05



00B26B

Triad

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



00AB05



00A7FF



FF296D

Complementary

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



00AB05



AB00A6

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.



FF32BA



00AB05



008EFF

Square

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



00AB05



00B2FF



C966FF



FF5A1E

Rectangle

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



00AB05



00B4A2



C966FF



FF2086

Sweetspot

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



00AB05



9BDE9D



A8AB00



487049



F0F0F0



707070

Same Dimension

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



00AB05



00DE06



00AB58



4E574E



009604



001701

Inverse Universe

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



AB00A6



DE00D7



AB0053



574E56



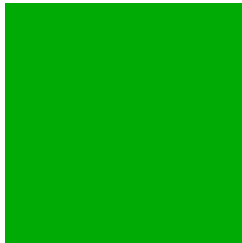
960092



170016

Previews

White Background



This preview shows how the Hex color 00AB05 looks on a white background.

Color Contrast Check

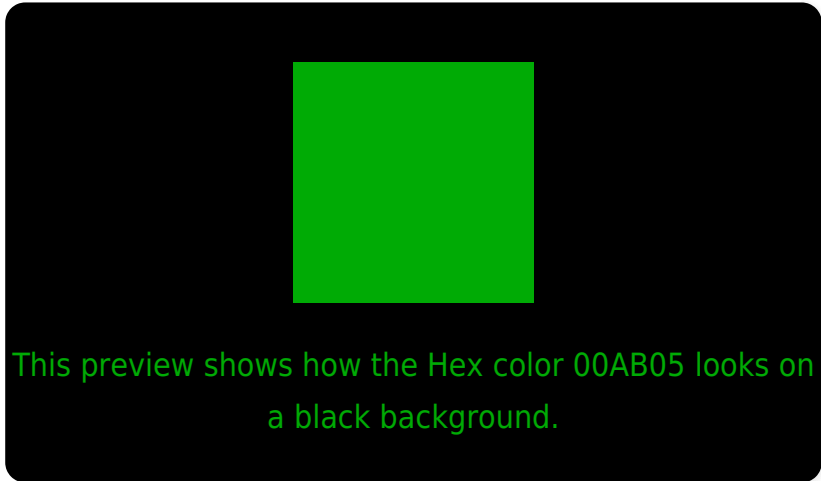
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 00AB05 Background



This preview shows how black text looks on a background with the Hex color 00AB05.

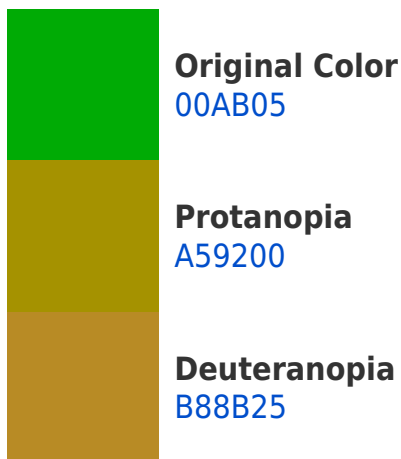


This preview shows how white text looks on a background with the Hex color 00AB05.

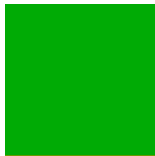
Color Blindness Simulation

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



Trichromacy



Original Color
00AB05



Protanomaly
699B02



Deuteranomaly
759719



Tritanomaly
2EA36F

Monochromacy



Original Color
00AB05



Achromatopsia
656565



Achromatomaly
407E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AB05 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 #00AB05 looks like.

```
.text, #text, p{  
    color:#00AB05  
}
```

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 #00AB05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AB05
}
```

Border

The CSS property to change the border of an element to Hex 00AB05 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".

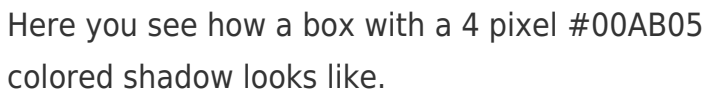
```
.border, #border, table{ border:4px solid
#00AB05 }
```

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

```
.border{ border-color:#00AB05 }
```

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

Here you see how a box with a 4 pixel #00AB05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AB05; -webkit-box-shadow:4px 4px  
4px 4px #00AB05; box-shadow:4px 4px 4px  
4px #00AB05 }
```

Background

The CSS property to change the background color of an element to Hex 00AB05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AB05 }
```

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

```
.background{ background-color:#00AB05 }
```

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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