

Converting Colors

Hex(00A805)

Have a look what the booklet for
Hex(00A805) contains.

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Color

Hex(00A805)

Conversions

Conversions Part 1

Format	Color
Hex	00A805
RGB	0, 168, 5
RGB Percent	0%, 66%, 2%
CMY	1.0000, 0.3412, 0.9804
CMYK	1.00, 0.00, 0.97, 0.34
HSL	122°, 100%, 33%
HSV	122°, 100%, 66%
XYZ	14.0300, 28.0162, 4.8118
YIQ	99.1860, -47.8050, -86.3090

Conversions

Conversions Part 2

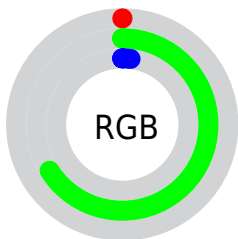
Format	Color
RYB	0, 163, 168
Decimal	43013
CIELab	59.90, -62.92, 60.16
CIELCh	60, 87.053, 136.287
Yxy	28.0162, 0.2994, 0.5979
Android (android.graphics.Color)	4278233093 (0xFF00A805)
YUV	99.1860, -46.4337, -86.9861
Hunter-Lab	52.9304, -45.3139, 31.6613

Details

The Hex color **00A805** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A800A3**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5EE14B**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **00A805**, and if you desaturate by 10%, it is **11A815**.

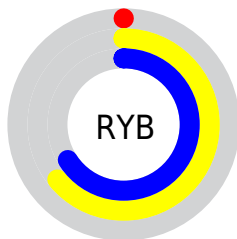
Distribution



Red (0%)

Green (66%)

Blue (2%)



Red (0%)

Yellow (64%)

Blue (66%)

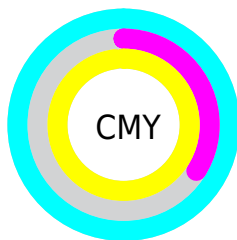


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (34%)



Cyan (100%)

Magenta (34%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A805 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 00A805 by changing the saturation by 10% instead.

 00A805

 00A805

FFFFFF

 008D00

 5EE14B

 007200

 7EFE67

 005800

 9CFF82

 003F00

 BAFF9E

 002800

 D9FFBA

 000000

 F7FFD7

 FFFFF4

 00A805

 11A815

 22A826

 32A836

 43A846

 54A856

 65A867

 76A877

 86A887

 97A898

Harmonies

Analogous

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



889A00



00A805



00AF69

Triad

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



00A805



00A4FF



FF296B

Complementary

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



00A805



A800A3

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.



FF31B7



00A805



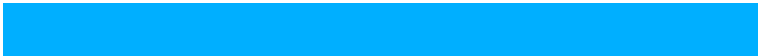
008CFF

Square

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



00A805



00AFFF



C564FC



FD591D

Rectangle

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



00A805



00B19F



C564FC



FF1F84

Sweetspot

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



00A805



9ADB9B



A5A800



466E47



EDEDED



6E6E6E

Same Dimension

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



00A805



00DB07



00A857



4C544C



009404



001401

Inverse Universe

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



A800A3



DB00D5



A80051



544C54



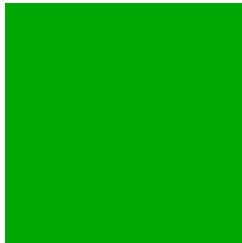
94008F



140014

Previews

White Background



This preview shows how the Hex color 00A805 looks on a white background.

Color Contrast Check

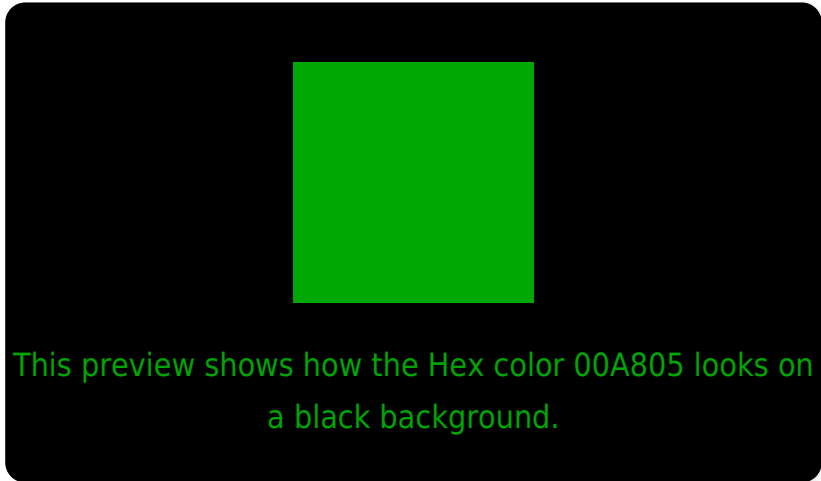
Large Text (above 18pt) WCAG AA ✓ Pass

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

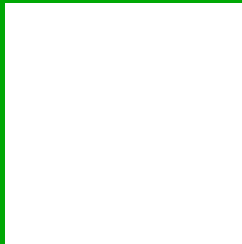
Any Text WCAG AAA × Fail

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

Hex 00A805 Background



This preview shows how black text looks on a background with the Hex color 00A805.



This preview shows how white text looks on a background with the Hex color 00A805.

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
469CA9

Trichromacy



Original Color
00A805



Protanomaly
679902

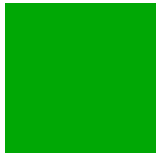


Deuteranomaly
739419



Tritanomaly
2DA06D

Monochromacy



Original Color
00A805



Achromatopsia
636363



Achromatomaly
3F7C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A805 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 #00A805 looks like.

```
.text, #text, p{  
    color:#00A805  
}
```

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 #00A805 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A805
}
```

Border

The CSS property to change the border of an element to Hex 00A805 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
#00A805 }
```

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

```
.border{ border-color:#00A805 }
```

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

Here you see how a box with a 4 pixel #00A805 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A805; -webkit-box-shadow:4px 4px  
4px 4px #00A805; box-shadow:4px 4px 4px  
4px #00A805 }
```

Background

The CSS property to change the background color of an element to Hex 00A805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A805 }
```

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

```
.background{ background-color:#00A805 }
```

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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