

Converting Colors

Hex(00A931)

Have a look what the booklet for
Hex(00A931) contains.

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Color

Hex(00A931)

Conversions

Conversions Part 1

Format	Color
Hex	00A931
RGB	0, 169, 49
RGB Percent	0%, 66%, 19%
CMY	1.0000, 0.3373, 0.8078
CMYK	1.00, 0.00, 0.71, 0.34
HSL	137°, 100%, 33%
HSV	137°, 100%, 66%
XYZ	14.7423, 28.5977, 7.6486
YIQ	104.7890, -62.2040, -73.1480

Conversions

Conversions Part 2

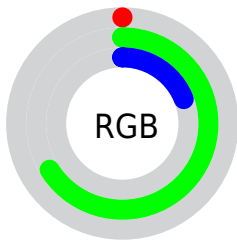
Format	Color
RYB	0, 131, 169
Decimal	43313
CIELab	60.42, -60.77, 49.24
CIELCh	60, 78.220, 140.982
Yxy	28.5977, 0.2891, 0.5609
Android (android.graphics.Color)	4278233393 (0xFF00A931)
YUV	104.7890, -27.5040, -91.9000
Hunter-Lab	53.4768, -44.3760, 28.9537

Details

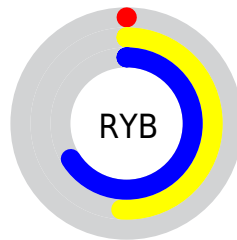
The Hex color **00A931** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A90078**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5DE266**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **00A931**, and if you desaturate by 10%, it is **11A93D**.

Distribution



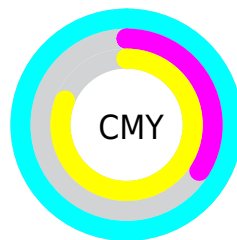
- Red (0%)
- Green (66%)
- Blue (19%)



- Red (0%)
- Yellow (51%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A931 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 00A931 by changing the saturation by 10% instead.

 00A931

 00A931


FFFFFF

 008E13

 5DE266

 007300

 7CFF80

 005900

 9AFF9C

 004000

 B8FFB7

 002900

 D6FFD4

 000300

 F5FFF1

 000000

 00A931

 11A93D

 22A949

 33A955

 44A961

 54A96D

 65A979

 76A985

 87A991

 98A99D

Harmonies

Analogous

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



819D00



00A931



00AF7A

Triad

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



00A931



00A0FF



FF4765

Complementary

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



00A931



A90078

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.



FF44AA



00A931



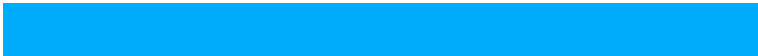
5A89FF

Square

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



00A931



00ACFC



CF66EA



F06822

Rectangle

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



00A931



00B0AA



CF66EA



FF407B

Sweetspot

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



00A931



9ADBAD



79A900



466E52



EDEDED



6E6E6E

Same Dimension

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



00A931



00DB40



00A984



4C544E



00942B



001406

Inverse Universe

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



A90078



DB009C



A90025



544C52



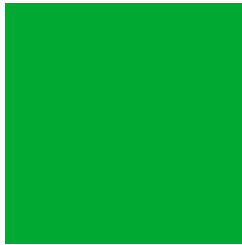
940069



14000E

Previews

White Background



This preview shows how the Hex color 00A931 looks on a white background.

Color Contrast Check

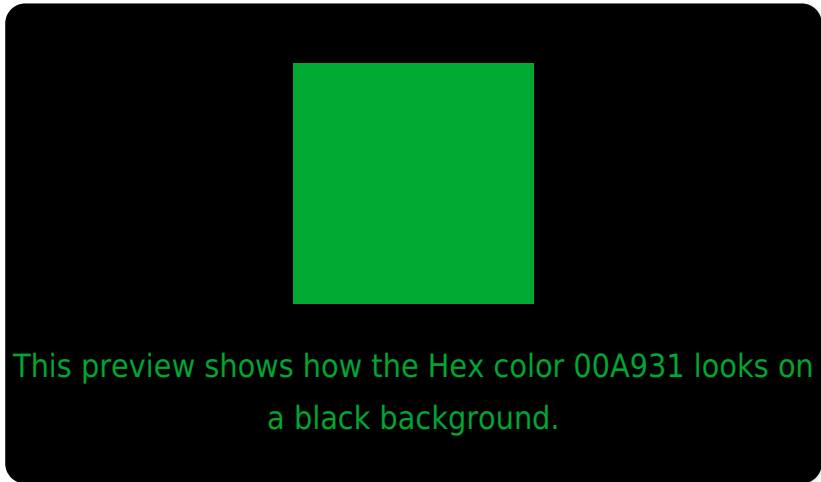
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A931 Background



This preview shows how black text looks on a background with the Hex color 00A931.



This preview shows how white text looks on a background with the Hex color 00A931.

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
00A931

Protanopia
A2912B

Deuteranopia
B48A3C



Tritanopia
459EAB

Trichromacy



Original Color
00A931



Protanomaly
679A2D



Deuteranomaly
739538



Tritanomaly
2CA27F

Monochromacy



Original Color
00A931



Achromatopsia
696969



Achromatomaly
438055

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A931 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 #00A931 looks like.

```
.text, #text, p{  
    color:#00A931  
}
```

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 #00A931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A931
}
```

Border

The CSS property to change the border of an element to Hex 00A931 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".

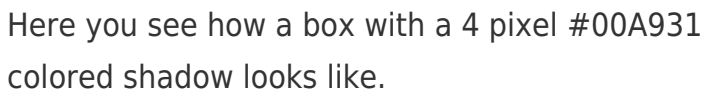
```
.border, #border, table{ border:4px solid
#00A931 }
```

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

```
.border{ border-color:#00A931 }
```

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

Here you see how a box with a 4 pixel #00A931 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A931; -webkit-box-shadow:4px 4px  
4px 4px #00A931; box-shadow:4px 4px 4px  
4px #00A931 }
```

Background

The CSS property to change the background color of an element to Hex 00A931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A931 }
```

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

```
.background{ background-color:#00A931 }
```

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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