

Converting Colors

Hex(00A826)

Have a look what the booklet for
Hex(00A826) contains.

Hex(00A826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A826)

Conversions

Conversions Part 1

Format	Color
Hex	00A826
RGB	0, 168, 38
RGB Percent	0%, 66%, 15%
CMY	1.0000, 0.3412, 0.8510
CMYK	1.00, 0.00, 0.77, 0.34
HSL	134°, 100%, 33%
HSV	134°, 100%, 66%
XYZ	14.3525, 28.1452, 6.5098
YIQ	102.9480, -58.3980, -76.0460

Conversions

Conversions Part 2

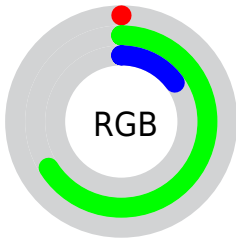
Format	Color
RYB	0, 137, 168
Decimal	43046
CIELab	60.02, -61.42, 52.86
CIELCh	60, 81.033, 139.279
Yxy	28.1452, 0.2929, 0.5743
Android (android.graphics.Color)	4278233126 (0xFF00A826)
YUV	102.9480, -32.0194, -90.2854
Hunter-Lab	53.0521, -44.5504, 29.8612

Details

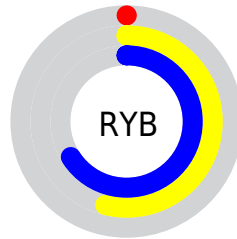
The Hex color **00A826** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A80082**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5DE15D**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **00A826**, and if you desaturate by 10%, it is **11A833**.

Distribution



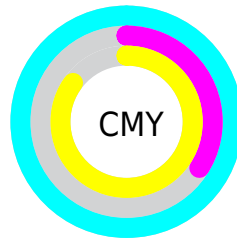
- Red (0%)
- Green (66%)
- Blue (15%)



- Red (0%)
- Yellow (54%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A826 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 00A826 by changing the saturation by 10% instead.

 00A826

 00A826


FFFFFF

 008D00

 5DE15D

 007200

 7CFE77

 005800

 9BFF93

 003F00

 B9FFAE


 002800

 D7FFCB

 000000

 F5FFE7

 00A826

 11A833

 22A840

 32A84D

 43A85A

 54A867

 65A874

 76A881

 86A88E

 97A89B

Harmonies

Analogous

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



839B00



00A826



00AE74

Triad

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



00A826



00A1FF



FF3E66

Complementary

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



00A826



A80082

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.



FF3EAD



00A826



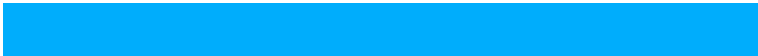
4489FF

Square

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



00A826



00ADFC



CB65EF



F46320

Rectangle

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



00A826



00B0A6



CB65EF



FF377E

Sweetspot

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



00A826



9ADBA8



84A800



466E4F



EDEDED



6E6E6E

Same Dimension

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



00A826



00DB32



00A878



4C544E



009421



001405

Inverse Universe

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



A80082



DB00AA



A80030



544C52



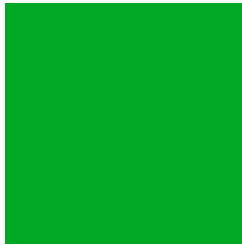
940072



140010

Previews

White Background



This preview shows how the Hex color 00A826 looks on a white background.

Color Contrast Check

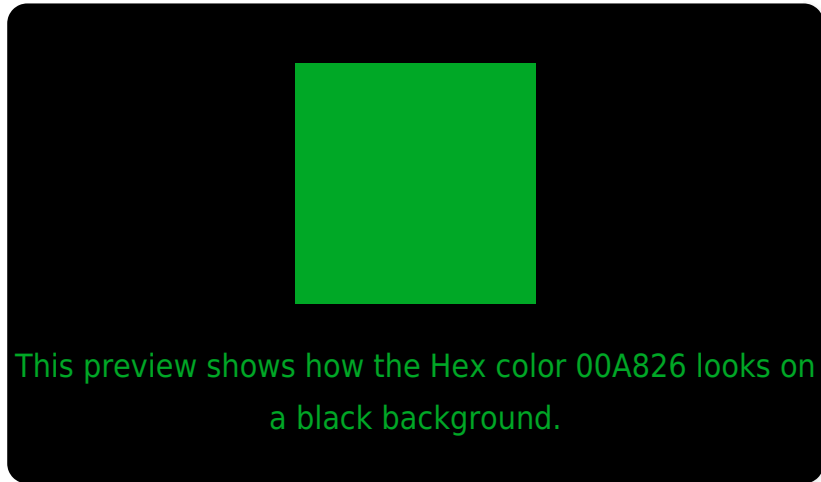
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A826 Background



This preview shows how black text looks on a background with the Hex color 00A826.



This preview shows how white text looks on a background with the Hex color 00A826.

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](#).

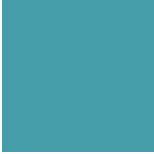
Dichromacy



Original Color
00A826

Protanopia
A29020

Deuteranopia
B38934



Tritanopia
459DA9

Trichromacy



Original Color
00A826



Protanomaly
679922



Deuteranomaly
72942F



Tritanomaly
2CA179

Monochromacy



Original Color
00A826



Achromatopsia
676767



Achromatomaly
427F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A826 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 #00A826 looks like.

```
.text, #text, p{  
    color:#00A826  
}
```

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 #00A826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A826  
}
```

Border

The CSS property to change the border of an element to Hex 00A826 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".

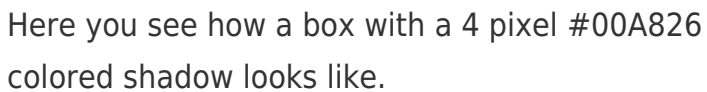
```
.border, #border, table{ border:4px solid  
#00A826 }
```

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

```
.border{ border-color:#00A826 }
```

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

Here you see how a box with a 4 pixel #00A826 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A826; -webkit-box-shadow:4px 4px  
4px 4px #00A826; box-shadow:4px 4px 4px  
4px #00A826 }
```

Background

The CSS property to change the background color of an element to Hex 00A826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A826 }
```

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

```
.background{ background-color:#00A826 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor