

Converting Colors

Hex(00A809)

Have a look what the booklet for
Hex(00A809) contains.

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Color

Hex(00A809)

Conversions

Conversions Part 1

Format	Color
Hex	00A809
RGB	0, 168, 9
RGB Percent	0%, 66%, 4%
CMY	1.0000, 0.3412, 0.9647
CMYK	1.00, 0.00, 0.95, 0.34
HSL	123°, 100%, 33%
HSV	123°, 100%, 66%
XYZ	14.0519, 28.0250, 4.9272
YIQ	99.6420, -49.0890, -85.0650

Conversions

Conversions Part 2

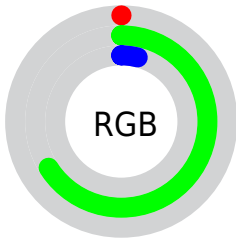
Format	Color
RYB	0, 159, 168
Decimal	43017
CIELab	59.91, -62.82, 59.61
CIELCh	60, 86.601, 136.501
Yxy	28.0250, 0.2990, 0.5962
Android (android.graphics.Color)	4278233097 (0xFF00A809)
YUV	99.6420, -44.6865, -87.3860
Hunter-Lab	52.9386, -45.2619, 31.5387

Details

The Hex color **00A809** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A8009F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5EE14C**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **00A809**, and if you desaturate by 10%, it is **11A819**.

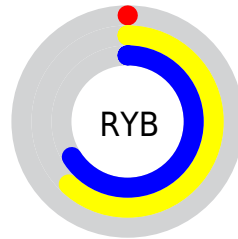
Distribution



Red (0%)

Green (66%)

Blue (4%)



Red (0%)

Yellow (62%)

Blue (66%)

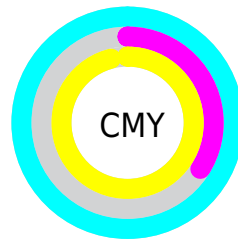


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (34%)



Cyan (100%)

Magenta (34%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A809 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 00A809 by changing the saturation by 10% instead.

 00A809

 00A809

FFFFFF

 008D00

 5EE14C

 007200

 7EFE68

 005800

 9CFF83

 003F00

 BAFF9F

 002800

 D9FFBB

 000000

 F7FFD8

 FFFFF6

 00A809

 11A819

 22A829

 32A839

 43A849

 54A859

 65A868

 76A878

 86A888

 97A898

Harmonies

Analogous

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



889A00



00A809



00AF6A

Triad

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



00A809



00A4FF



FF2B6A

Complementary

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



00A809



A8009F

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.



FF32B6



00A809



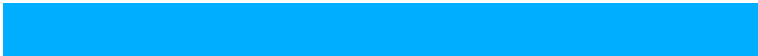
008BFF

Square

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



00A809



00AEFF



C664FB



FC5A1E

Rectangle

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



00A809



00B1A0



C664FB



FF2283

Sweetspot

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



00A809



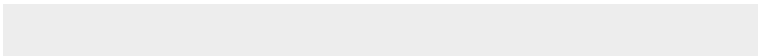
9ADB9D



A0A800



466E48



EDEDED



6E6E6E

Same Dimension

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



00A809



00DB0C



00A85C



4C544C



009408



001401

Inverse Universe

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



A8009F



DB00D0



A8004C



544C54



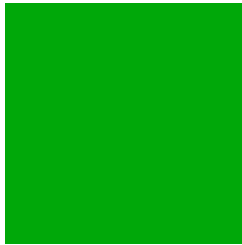
94008C



140013

Previews

White Background



This preview shows how the Hex color 00A809 looks on a white background.

Color Contrast Check

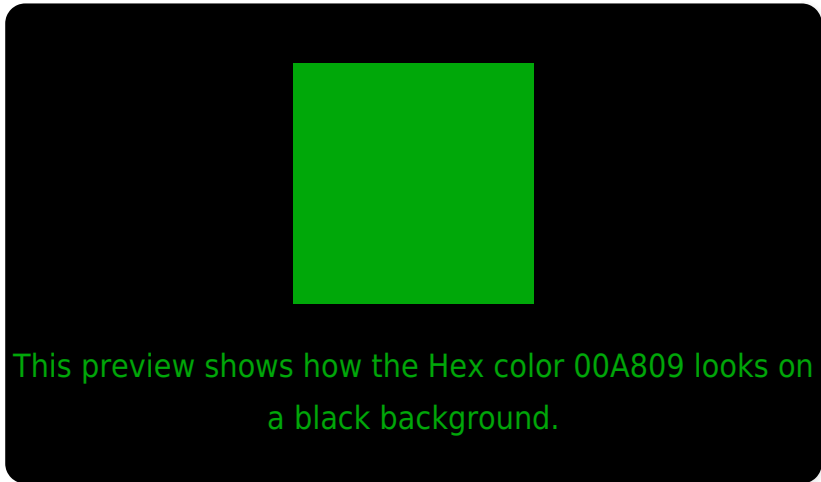
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A809 Background



This preview shows how black text looks on a background with the Hex color 00A809.



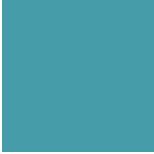
This preview shows how white text looks on a background with the Hex color 00A809.

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](#).

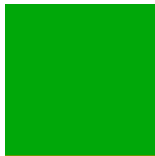
Dichromacy





Tritanopia
469CA9

Trichromacy



Original Color
00A809



Protanomaly
679903



Deuteranomaly
73941B



Tritanomaly
2DA06F

Monochromacy



Original Color
00A809



Achromatopsia
646464



Achromatomaly
407D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A809 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 #00A809 looks like.

```
.text, #text, p{  
    color:#00A809  
}
```

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 #00A809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A809
}
```

Border

The CSS property to change the border of an element to Hex 00A809 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".

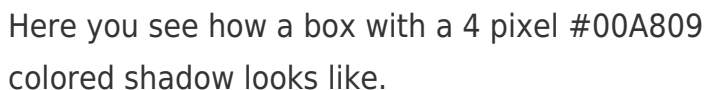
```
.border, #border, table{ border:4px solid
#00A809 }
```

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

```
.border{ border-color:#00A809 }
```

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

Here you see how a box with a 4 pixel #00A809 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 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A809; -webkit-box-shadow:4px 4px  
4px 4px #00A809; box-shadow:4px 4px 4px  
4px #00A809 }
```

Background

The CSS property to change the background color of an element to Hex 00A809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A809 }
```

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

```
.background{ background-color:#00A809 }
```

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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