

Converting Colors

Hex(00A923)

Have a look what the booklet for
Hex(00A923) contains.

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Color

Hex(00A923)

Conversions

Conversions Part 1

Format	Color
Hex	00A923
RGB	0, 169, 35
RGB Percent	0%, 66%, 14%
CMY	1.0000, 0.3373, 0.8627
CMYK	1.00, 0.00, 0.79, 0.34
HSL	132°, 100%, 33%
HSV	132°, 100%, 66%
XYZ	14.4913, 28.4973, 6.3269
YIQ	103.1930, -57.7100, -77.5020

Conversions

Conversions Part 2

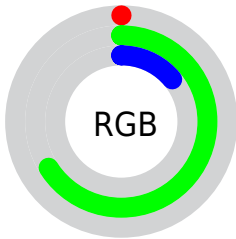
Format	Color
RYB	0, 140, 169
Decimal	43299
CIELab	60.34, -61.92, 54.15
CIELCh	60, 82.256, 138.831
Yxy	28.4973, 0.2938, 0.5779
Android (android.graphics.Color)	4278233379 (0xFF00A923)
YUV	103.1930, -33.6191, -90.5003
Hunter-Lab	53.3828, -44.9643, 30.3410

Details

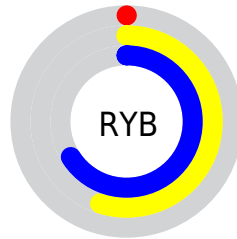
The Hex color **00A923** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A90086**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5EE25B**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **00A923**, and if you desaturate by 10%, it is **11A930**.

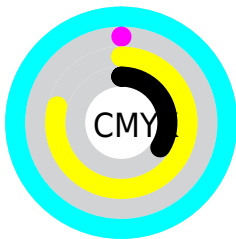
Distribution



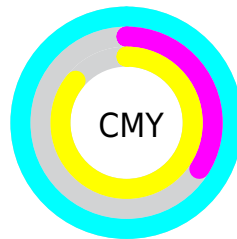
- Red (0%)
- Green (66%)
- Blue (14%)



- Red (0%)
- Yellow (55%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A923 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 00A923 by changing the saturation by 10% instead.

 00A923

 00A923

FFFFFF

 008E00

 5EE25B

 007300

 7DFF75

 005900

 9BFF91

 004000

 B9FFAC

 002900


 D7FFC9

 000200

 F6FFE6

 000000

 00A923

 11A930

 22A93E

 33A94B

 44A959

 54A966

 65A973

 76A981

 87A98E

 98A99C

Harmonies

Analogous

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



859C00



00A923



00AF73

Triad

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



00A923



00A2FF



FF3C68

Complementary

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



00A923



A90086

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.



FF3DB0



00A923



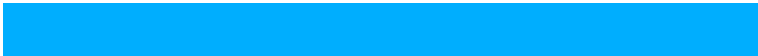
3D8AFF

Square

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



00A923



00AEFE



CB65F2



F66220

Rectangle

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



00A923



00B1A6



CB65F2



FF357F

Sweetspot

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



00A923



9ADBA7



87A900



466E4E



EDEDED



6E6E6E

Same Dimension

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



00A923



00DB2D



00A976



4C544D



00941F



001404

Inverse Universe

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



A90086



DB00AE



A90033



544C52



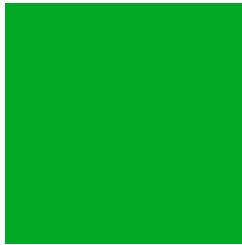
940075



140010

Previews

White Background



This preview shows how the Hex color 00A923 looks on a white background.

Color Contrast Check

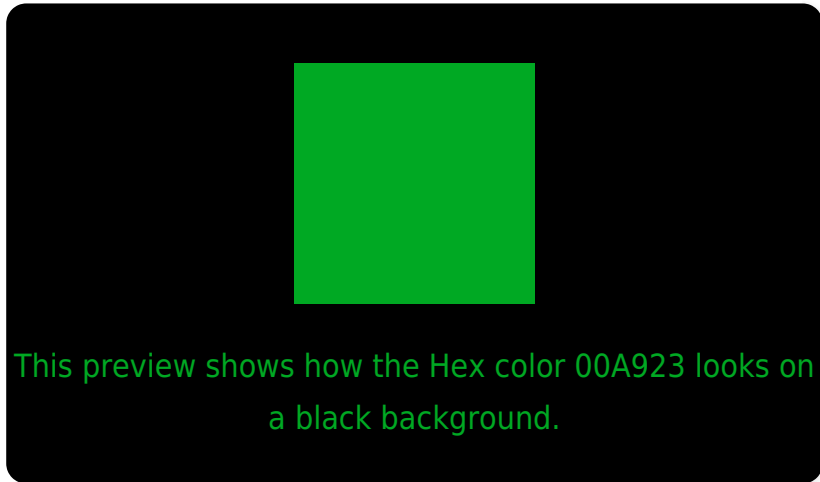
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A923 Background



This preview shows how black text looks on a background with the Hex color 00A923.



This preview shows how white text looks on a background with the Hex color 00A923.

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
00A923

Protanopia
A3911D

Deuteranopia
B58932



Tritanopia
469DAA

Trichromacy



Original Color
00A923



Protanomaly
689A1F

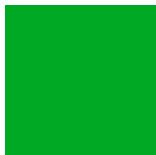


Deuteranomaly
73952D



Tritanomaly
2DA179

Monochromacy



Original Color
00A923



Achromatopsia
676767



Achromatomaly
427F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A923 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 #00A923 looks like.

```
.text, #text, p{  
    color:#00A923  
}
```

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 #00A923 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A923
}
```

Border

The CSS property to change the border of an element to Hex 00A923 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".

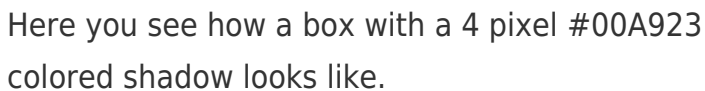
```
.border, #border, table{ border:4px solid
#00A923 }
```

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

```
.border{ border-color:#00A923 }
```

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

Here you see how a box with a 4 pixel #00A923 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A923; -webkit-box-shadow:4px 4px  
4px 4px #00A923; box-shadow:4px 4px 4px  
4px #00A923 }
```

Background

The CSS property to change the background color of an element to Hex 00A923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A923 }
```

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

```
.background{ background-color:#00A923 }
```

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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