

Converting Colors

Hex(00A539)

Have a look what the booklet for
Hex(00A539) contains.

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Color

Hex(00A539)

Conversions

Conversions Part 1

Format	Color
Hex	00A539
RGB	0, 165, 57
RGB Percent	0%, 65%, 22%
CMY	1.0000, 0.3529, 0.7765
CMYK	1.00, 0.00, 0.65, 0.35
HSL	141°, 100%, 32%
HSV	141°, 100%, 65%
XYZ	14.1937, 27.2057, 8.3740
YIQ	103.3530, -63.6720, -68.5680

Conversions

Conversions Part 2

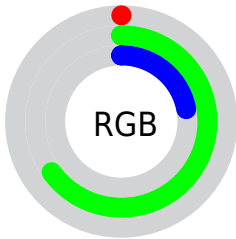
Format	Color
RYB	0, 123, 165
Decimal	42297
CIELab	59.16, -58.71, 44.54
CIELCh	59, 73.696, 142.816
Yxy	27.2057, 0.2852, 0.5466
Android (android.graphics.Color)	4278232377 (0xFF00A539)
YUV	103.3530, -22.8520, -90.6406
Hunter-Lab	52.1591, -42.7045, 26.9924

Details

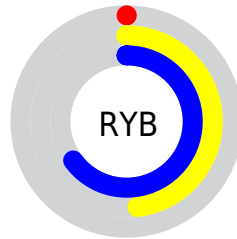
The Hex color **00A539** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A5006C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5BDD6D**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **00A539**, and if you desaturate by 10%, it is **10A544**.

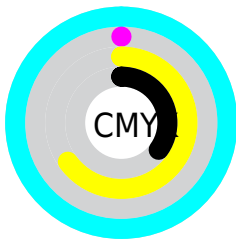
Distribution



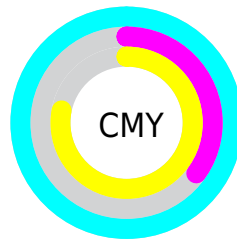
- Red (0%)
- Green (65%)
- Blue (22%)



- Red (0%)
- Yellow (48%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A539 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 00A539 by changing the saturation by 10% instead.


 00A539

 00A539

FFFFFF

 008A1E

 5BDD6D

 006F00

 7AFA87

 005600

 98FFA2

 003D00

 B6FFBE

 002600

 D4FFDA

 000000

 F2FFF7

 00A539

 10A544

 21A54F

 32A559

 42A564

 52A56F

 63A57A

 73A585

 84A58F

 94A59A

Harmonies

Analogous

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



7C9A00



00A539



00AA7C

Triad

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



00A539



009BFF



FE4C61

Complementary

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



00A539



A5006C

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.



F948A1



00A539



6884FF

Square

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



00A539



00A7F5



CC64DE



E66A23

Rectangle

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



00A539



00ABA9



CC64DE



FF4676

Sweetspot

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



00A539



96D6AC



6EA500



456B52



EBEBEB



6B6B6B

Same Dimension

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



00A539



00D64A



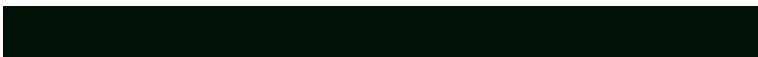
00A589



49524C



009132



001206

Inverse Universe

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



A5006C



D6008C



A5001C



52494F



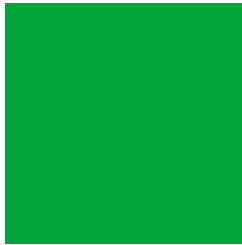
91005F



12000C

Previews

White Background



This preview shows how the Hex color 00A539 looks on a white background.

Color Contrast Check

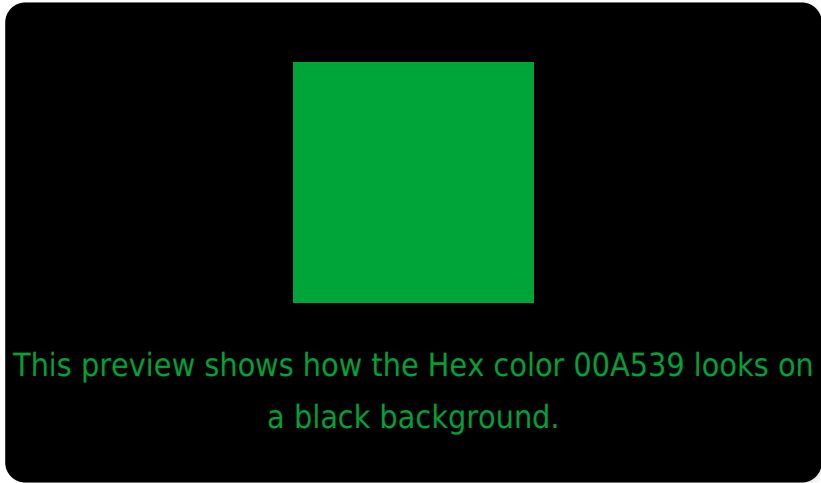
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A539 Background



This preview shows how black text looks on a background with the Hex color 00A539.

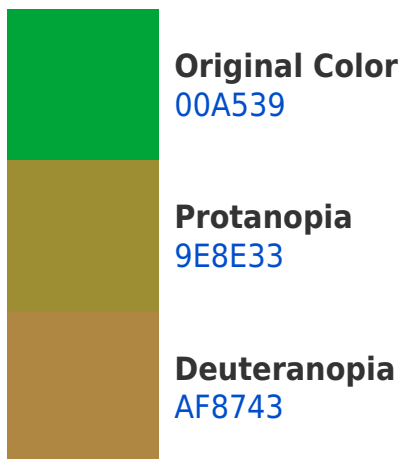


This preview shows how white text looks on a background with the Hex color 00A539.

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
439AA7

Trichromacy



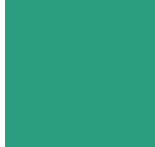
Original Color
00A539



Protanomaly
659635



Deuteranomaly
6F923F



Tritanomaly
2B9E7F

Monochromacy



Original Color
00A539



Achromatopsia
676767



Achromatomaly
427E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A539 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 #00A539 looks like.

```
.text, #text, p{  
    color:#00A539  
}
```

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 #00A539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A539
}
```

Border

The CSS property to change the border of an element to Hex 00A539 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".

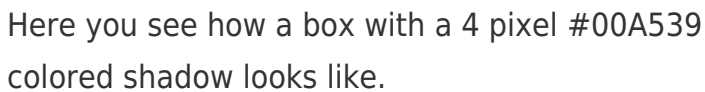
```
.border, #border, table{ border:4px solid
#00A539 }
```

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

```
.border{ border-color:#00A539 }
```

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

Here you see how a box with a 4 pixel #00A539 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A539; -webkit-box-shadow:4px 4px  
4px 4px #00A539; box-shadow:4px 4px 4px  
4px #00A539 }
```

Background

The CSS property to change the background color of an element to Hex 00A539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A539 }
```

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

```
.background{ background-color:#00A539 }
```

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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