

Converting Colors

Hex(00A603)

Have a look what the booklet for
Hex(00A603) contains.

Hex(00A603)	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(00A603)

Conversions

Conversions Part 1

Format	Color
Hex	00A603
RGB	0, 166, 3
RGB Percent	0%, 65%, 1%
CMY	1.0000, 0.3490, 0.9882
CMYK	1.00, 0.00, 0.98, 0.35
HSL	121°, 100%, 33%
HSV	121°, 100%, 65%
XYZ	13.6527, 27.2790, 4.6320
YIQ	97.7840, -46.6130, -85.8850

Conversions

Conversions Part 2

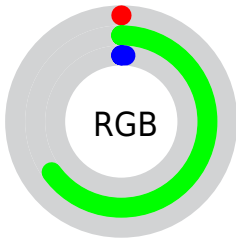
Format	Color
RYB	0, 163, 166
Decimal	42499
CIELab	59.23, -62.42, 59.89
CIELCh	59, 86.505, 136.183
Yxy	27.2790, 0.2996, 0.5987
Android (android.graphics.Color)	4278232579 (0xFF00A603)
YUV	97.7840, -46.7285, -85.7566
Hunter-Lab	52.2293, -44.7417, 31.3024

Details

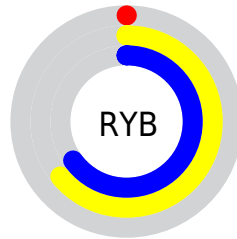
The Hex color **00A603** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A600A3**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5EDE4A**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **00A603**, and if you desaturate by 10%, it is **11A613**.

Distribution



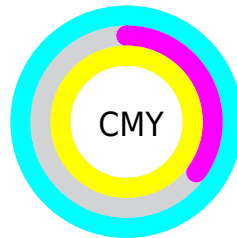
- Red (0%)
- Green (65%)
- Blue (1%)



- Red (0%)
- Yellow (64%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A603 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 00A603 by changing the saturation by 10% instead.

 00A603

 00A603

FFFFFF

 008B00

 5EDE4A

 007000

 7DFC65

 005600

 9BFF81

 003E00

 BAFF9D

 002600

 D8FFB9

 000000

 F6FFD6

 FFFFF3

 00A603

 11A613

 21A624

 32A634

 42A644

 53A654

 64A665

 74A675

 85A685

 95A696

Harmonies

Analogous

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



869800



00A603



00AD67

Triad

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



00A603



00A2FF



FF2769

Complementary

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



00A603



A600A3

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.



FF30B5



00A603



008AFF

Square

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



00A603



00ADFC



C363F9



FA571D

Rectangle

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



00A603



00AF9D



C363F9



FF1E82

Sweetspot

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



00A603



98D999



A3A600



466E47



EDEDED



6E6E6E

Same Dimension

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



00A603



00D904



00A656



4C544C



009403



001400

Inverse Universe

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



A600A3



D900D5



A60050



544C54



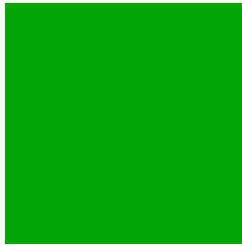
940091



140014

Previews

White Background



This preview shows how the Hex color 00A603 looks on a white background.

Color Contrast Check

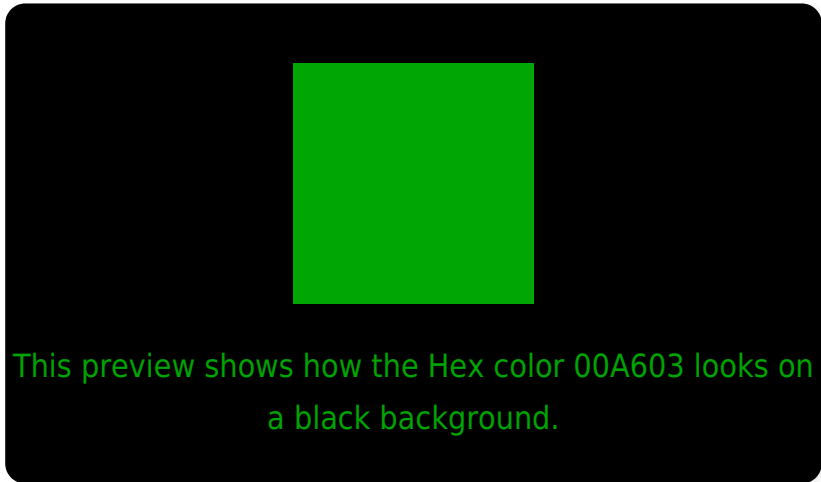
Large Text (above 18pt) WCAG AA ✓ Pass

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

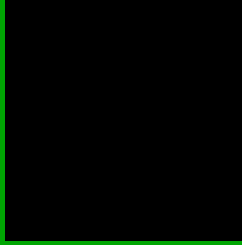
Any Text WCAG AA ✓ Pass

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 00A603 Background



This preview shows how black text looks on a background with the Hex color 00A603.



This preview shows how white text looks on a background with the Hex color 00A603.

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
00A603

Protanopia
A08E00

Deuteranopia
B28624



Tritanopia
469AA7

Trichromacy



Original Color
00A603



Protanomaly
669701



Deuteranomaly
719218



Tritanomaly
2D9E6B

Monochromacy



Original Color
00A603



Achromatopsia
626262



Achromatomaly
3E7B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A603 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 #00A603 looks like.

```
.text, #text, p{  
    color:#00A603  
}
```

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 #00A603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A603
}
```

Border

The CSS property to change the border of an element to Hex 00A603 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".

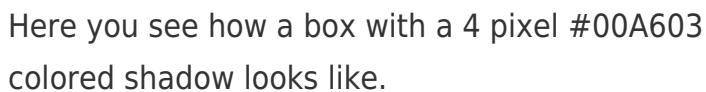
```
.border, #border, table{ border:4px solid
#00A603 }
```

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

```
.border{ border-color:#00A603 }
```

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

Here you see how a box with a 4 pixel #00A603 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides. The right side of the box is open, showing a green shadow that extends to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A603; -webkit-box-shadow:4px 4px  
4px 4px #00A603; box-shadow:4px 4px 4px  
4px #00A603 }
```

Background

The CSS property to change the background color of an element to Hex 00A603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A603 }
```

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

```
.background{ background-color:#00A603 }
```

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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