

Converting Colors

Hex(0FAA00)

Have a look what the booklet for
Hex(0FAA00) contains.

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Color

Hex(0FAA00)

Conversions

Conversions Part 1

Format	Color
Hex	0FAA00
RGB	15, 170, 0
RGB Percent	6%, 67%, 0%
CMY	0.9412, 0.3333, 1.0000
CMYK	0.91, 0.00, 1.00, 0.33
HSL	115°, 100%, 33%
HSV	115°, 100%, 67%
XYZ	14.5717, 28.8510, 4.8008
YIQ	104.2750, -37.8100, -85.7300

Conversions

Conversions Part 2

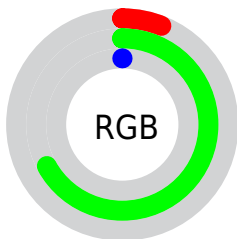
Format	Color
RYB	0, 170, 155
Decimal	1026560
CIELab	60.65, -62.78, 61.50
CIELCh	61, 87.885, 135.592
Yxy	28.8510, 0.3022, 0.5983
Android (android.graphics.Color)	4279216640 (0xFF0FAA00)
YUV	104.2750, -51.4076, -78.2942
Hunter-Lab	53.7131, -45.5731, 32.2999

Details

The Hex color **0FAA00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9B00AA**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **62E34A**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **0FAA00**, and if you desaturate by 10%, it is **1EAA11**.

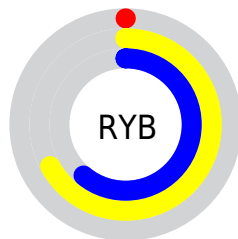
Distribution



Red (6%)

Green (67%)

Blue (0%)



Red (0%)

Yellow (67%)

Blue (61%)

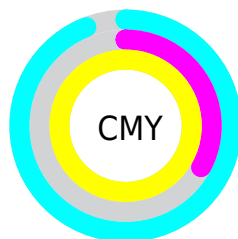


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (94%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FAA00 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 0FAA00 by changing the saturation by 10% instead.

 0FAA00

 0FAA00


FFFFFF

 008F00

 62E34A

 007400

 82FF66

 005A00

 A0FF81

 004100

 BEFF9D

 002A00

 DDFFB9

 000400

 FBFFD6

 000000

 FFFFF4

 0FAA00

 1EAA11

 2EAA22

 3DAA33

 4DAA44

 5CAA55

 6CAA66

 7BAA77

 8BAA88

 9AAA99

Harmonies

Analogous

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



8C9B00



0FAA00



00B169

Triad

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



0FAA00



00A6FF



FF296E

Complementary

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



0FAA00



9B00AA

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.



FF33BB



0FAA00



008EFF

Square

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



0FAA00



00B1FF



C567FF



FF5920

Rectangle

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



0FAA00



00B39F



C567FF



FF2087

Sweetspot

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



0FAA00



A1DE9B



AA9900



4B7048



F0F0F0



707070

Same Dimension

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



0FAA00



14DE00



00AA44



4C544C



0D9400



021400

Inverse Universe

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



9B00AA



CA00DE



AA0066



534C54



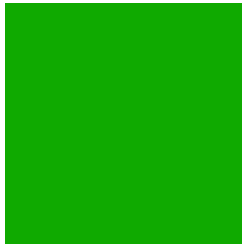
870094



130014

Previews

White Background



This preview shows how the Hex color 0FAA00 looks on a white background.

Color Contrast Check

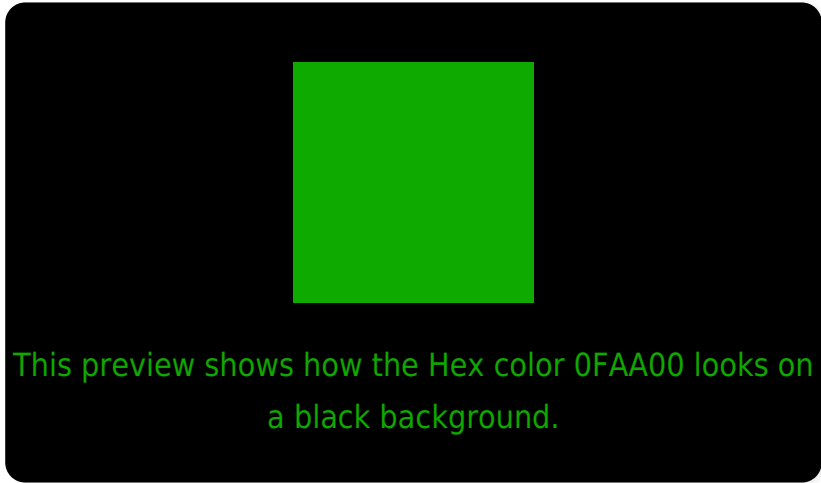
Large Text (above 18pt) WCAG AA ✓ Pass

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 0FAA00 Background



This preview shows how black text looks on a background with the Hex color 0FAA00.



This preview shows how white text looks on a background with the Hex color 0FAA00.

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
0FAA00

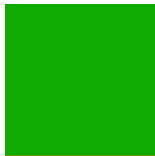
Protanopia
A49200

Deuteranopia
B78A25



Tritanopia
489EAB

Trichromacy



Original Color
0FAA00



Protanomaly
6E9B00



Deuteranomaly
7A9618



Tritanomaly
33A26D

Monochromacy



Original Color
0FAA00



Achromatopsia
686868



Achromatomaly
488042

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FAA00 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 #0FAA00 looks like.

```
.text, #text, p{  
    color:#0FAA00  
}
```

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 #0FAA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FAA00
}
```

Border

The CSS property to change the border of an element to Hex 0FAA00 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".

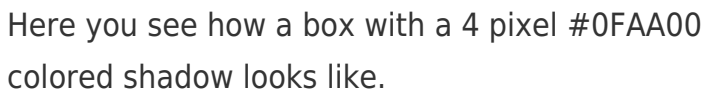
```
.border, #border, table{ border:4px solid
#0FAA00 }
```

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

```
.border{ border-color:#0FAA00 }
```

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

Here you see how a box with a 4 pixel #0FAA00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FAA00; -webkit-box-shadow:4px 4px  
4px 4px #0FAA00; box-shadow:4px 4px 4px  
4px #0FAA00 }
```

Background

The CSS property to change the background color of an element to Hex 0FAA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FAA00 }
```

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

```
.background{ background-color:#0FAA00 }
```

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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