

Converting Colors

Hex(0DAB00)

Have a look what the booklet for
Hex(0DAB00) contains.

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Color

Hex(0DAB00)

Conversions

Conversions Part 1

Format	Color
Hex	0DAB00
RGB	13, 171, 0
RGB Percent	5%, 67%, 0%
CMY	0.9490, 0.3294, 1.0000
CMYK	0.92, 0.00, 1.00, 0.33
HSL	115°, 100%, 34%
HSV	115°, 100%, 67%
XYZ	14.7289, 29.2114, 4.8621
YIQ	104.2640, -39.2770, -86.6770

Conversions

Conversions Part 2

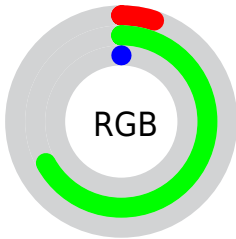
Format	Color
RYB	0, 171, 158
Decimal	895744
CIELab	60.97, -63.19, 61.75
CIELCh	61, 88.353, 135.663
Yxy	29.2114, 0.3018, 0.5986
Android (android.graphics.Color)	4279085824 (0xFF0DAB00)
YUV	104.2640, -51.4022, -80.0385
Hunter-Lab	54.0476, -45.9389, 32.4996

Details

The Hex color **0DAB00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9E00AB**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **62E44A**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **0DAB00**, and if you desaturate by 10%, it is **1DAB11**.

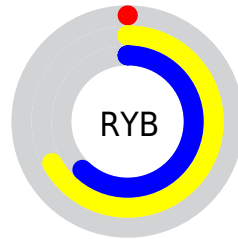
Distribution



Red (5%)

Green (67%)

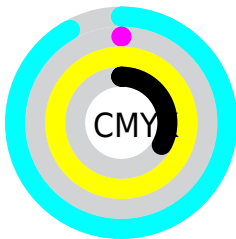
Blue (0%)



Red (0%)

Yellow (67%)

Blue (62%)

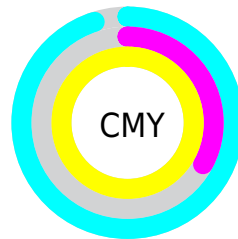


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (95%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DAB00 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 0DAB00 by changing the saturation by 10% instead.

 0DAB00

 0DAB00

FFFFFF

 009000

 62E44A

 007500

 81FF66

 005B00

 A0FF81

 004200

 BEFF9D

 002A00

 DDFFB A

 000700

 FBFFD7

 000000

 FFFFF4

 0DAB00

 1DAB11

 2DAB22

 3CAB33

 4CAB44

 5CAB55

 6CAB67

 7CAB78

 8BAB89

 9BAB9A

Harmonies

Analogous

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



8C9C00



0DAB00



00B269

Triad

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



0DAB00



00A7FF



FF286E

Complementary

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



0DAB00



9E00AB

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.



FF33BC



0DAB00



008FFF

Square

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



0DAB00



00B2FF



C767FF



FF5920

Rectangle

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



0DAB00



00B4A0



C767FF



FF2088

Sweetspot

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



0DAB00



A0DE9B



AB9D00



4B7048



F0F0F0



707070

Same Dimension

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



0DAB00



11DE00



00AB47



4F574E



0B9600



021700

Inverse Universe

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



9E00AB



CD00DE



AB0064



564E57



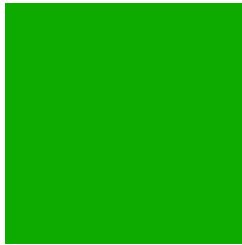
8B0096



150017

Previews

White Background



This preview shows how the Hex color 0DAB00 looks on a white background.

Color Contrast Check

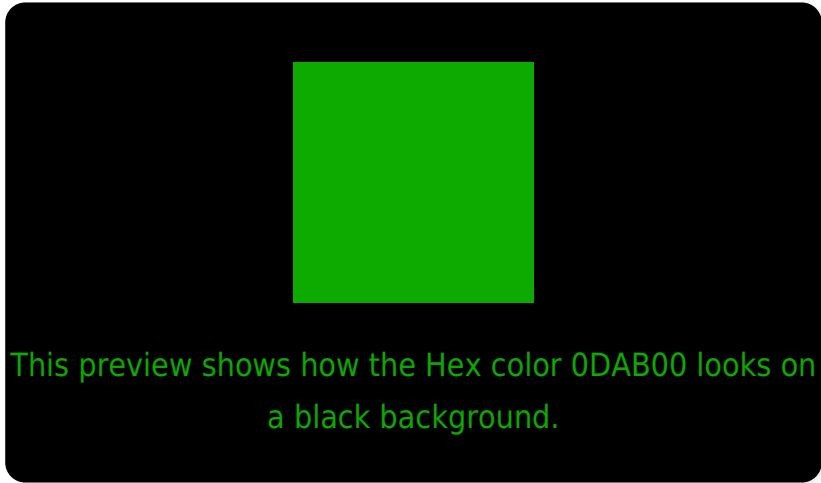
Large Text (above 18pt) WCAG AA ✓ Pass

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

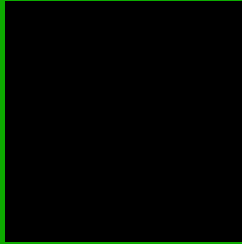
Any Text WCAG AA ✓ Pass

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 0DAB00 Background



This preview shows how black text looks on a background with the Hex color 0DAB00.

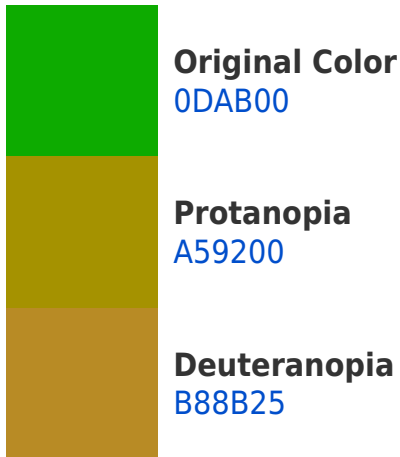


This preview shows how white text looks on a background with the Hex color 0DAB00.

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



Trichromacy



Original Color
0DAB00



Protanomaly
6E9B00



Deuteranomaly
7A9718



Tritanomaly
33A36D

Monochromacy



Original Color
0DAB00



Achromatopsia
686868



Achromatomaly
478042

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DAB00 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 #0DAB00 looks like.

```
.text, #text, p{  
    color:#0DAB00  
}
```

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 #0DAB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DAB00  
}
```

Border

The CSS property to change the border of an element to Hex 0DAB00 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".

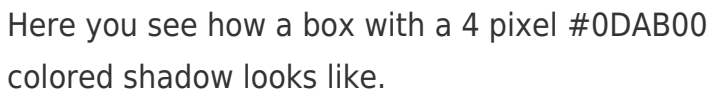
```
.border, #border, table{ border:4px solid  
#0DAB00 }
```

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

```
.border{ border-color:#0DAB00 }
```

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

Here you see how a box with a 4 pixel #0DAB00 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 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DAB00; -webkit-box-shadow:4px 4px  
4px 4px #0DAB00; box-shadow:4px 4px 4px  
4px #0DAB00 }
```

Background

The CSS property to change the background color of an element to Hex 0DAB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DAB00 }
```

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

```
.background{ background-color:#0DAB00 }
```

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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