

Converting Colors

Hex(0DA600)

Have a look what the booklet for
Hex(0DA600) contains.

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Color

Hex(0DA600)

Conversions

Conversions Part 1

Format	Color
Hex	0DA600
RGB	13, 166, 0
RGB Percent	5%, 65%, 0%
CMY	0.9490, 0.3490, 1.0000
CMYK	0.92, 0.00, 1.00, 0.35
HSL	115°, 100%, 33%
HSV	115°, 100%, 65%
XYZ	13.8022, 27.3580, 4.5532
YIQ	101.3290, -37.9020, -84.0620

Conversions

Conversions Part 2

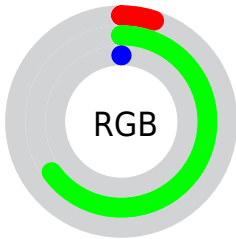
Format	Color
RYB	0, 166, 153
Decimal	894464
CIELab	59.30, -61.78, 60.42
CIELCh	59, 86.409, 135.639
Yxy	27.3580, 0.3019, 0.5985
Android (android.graphics.Color)	4279084544 (0xFF0DA600)
YUV	101.3290, -49.9552, -77.4645
Hunter-Lab	52.3049, -44.4310, 31.4522

Details

The Hex color **0DA600** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9900A6**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **61DE49**, and **007000** is the 20% darker color. If you saturate the color by 10%, you get **0DA600**, and if you desaturate by 10%, it is **1CA611**.

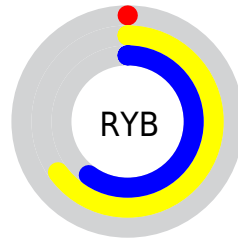
Distribution



Red (5%)

Green (65%)

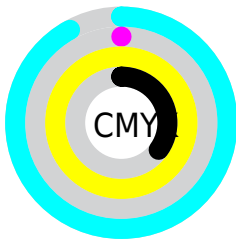
Blue (0%)



Red (0%)

Yellow (65%)

Blue (60%)

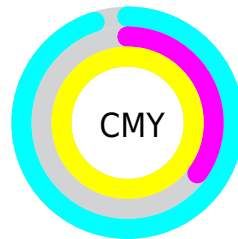


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (95%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA600 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 0DA600 by changing the saturation by 10% instead.

 0DA600

 0DA600

FFFFFF

 008B00

 61DE49

 007000

 80FC64

 005700

 9EFF80

 003E00

 BCFF9C

 002600

 DAFFB8

 000000

 F9FFD5

 FFFFF2

 0DA600

 1CA611

 2CA621

 3BA632

 4AA642

 5AA653

 69A664

 78A674

 87A685

 97A695

Harmonies

Analogous

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



889800



0DA600



00AD66

Triad

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



0DA600



00A2FF



FF276B

Complementary

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



ODA600



9900A6

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.



FF31B7



0DA600



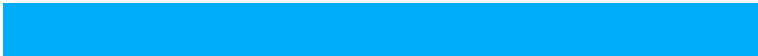
008BFF

Square

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



0DA600



00ADFB



C164FA



FB571F

Rectangle

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



0DA600



00AF9C



C164FA



FF1F84

Sweetspot

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



0DA600



9DD998



A69800



496E46



EDEDED



6E6E6E

Same Dimension

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



0DA600



11D900



00A645



4C544C



0C9400



021400

Inverse Universe

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



9900A6



C800D9



A60061



534C54



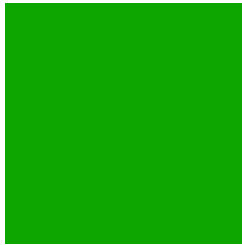
880094



130014

Previews

White Background



This preview shows how the Hex color 0DA600 looks on a white background.

Color Contrast Check

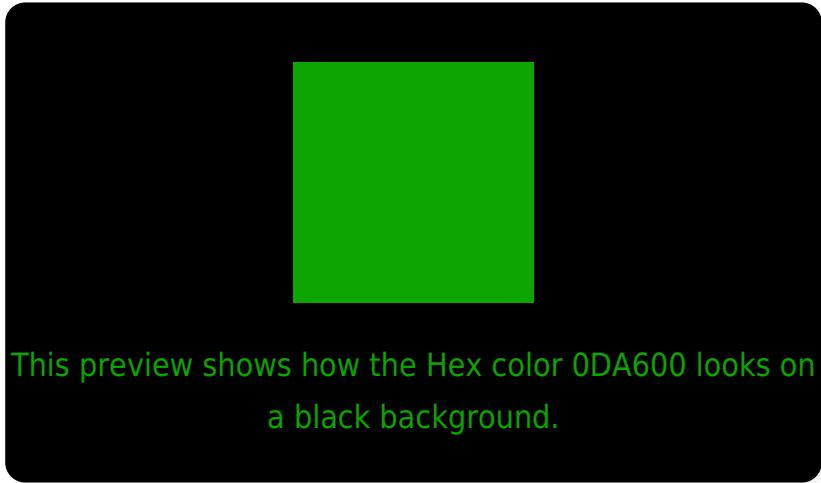
Large Text (above 18pt) WCAG AA ✓ Pass

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 0DA600 Background



This preview shows how black text looks on a background with the Hex color 0DA600.



This preview shows how white text looks on a background with the Hex color 0DA600.

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
0DA600

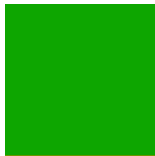
Protanopia
A08E00

Deuteranopia
B28724



Tritanopia
469AA7

Trichromacy



Original Color
0DA600



Protanomaly
6B9700



Deuteranomaly
769217



Tritanomaly
319E6A

Monochromacy



Original Color
0DA600



Achromatopsia
656565



Achromatomaly
457D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA600 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 #0DA600 looks like.

```
.text, #text, p{  
    color:#0DA600  
}
```

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 #0DA600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA600
}
```

Border

The CSS property to change the border of an element to Hex 0DA600 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
#0DA600 }
```

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

```
.border{ border-color:#0DA600 }
```

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

Here you see how a box with a 4 pixel #0DA600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA600; -webkit-box-shadow:4px 4px  
4px 4px #0DA600; box-shadow:4px 4px 4px  
4px #0DA600 }
```

Background

The CSS property to change the background color of an element to Hex 0DA600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA600 }
```

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

```
.background{ background-color:#0DA600 }
```

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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