

Converting Colors

Hex(0DA70D)

Have a look what the booklet for
Hex(0DA70D) contains.

Hex(0DA70D)	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(0DA70D)

Conversions

Conversions Part 1

Format	Color
Hex	0DA70D
RGB	13, 167, 13
RGB Percent	5%, 65%, 5%
CMY	0.9490, 0.3451, 0.9490
CMYK	0.92, 0.00, 0.92, 0.35
HSL	120°, 86%, 35%
HSV	120°, 92%, 65%
XYZ	14.0573, 27.7521, 4.9966
YIQ	103.3980, -42.3500, -80.5420

Conversions

Conversions Part 2

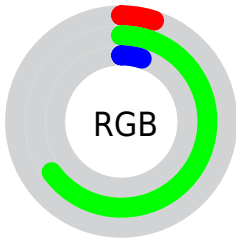
Format	Color
RYB	13, 167, 167
Decimal	894733
CIELab	59.66, -61.72, 58.85
CIELCh	60, 85.281, 136.363
Yxy	27.7521, 0.3003, 0.5929
Android (android.graphics.Color)	4279084813 (0xFF0DA70D)
YUV	103.3980, -44.5662, -79.2790
Hunter-Lab	52.6802, -44.5589, 31.2527

Details

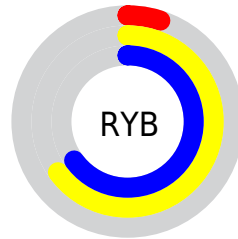
The Hex color **0DA70D** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A70DA7**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **61DF4E**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **00A700**, and if you desaturate by 10%, it is **1EA71E**.

Distribution



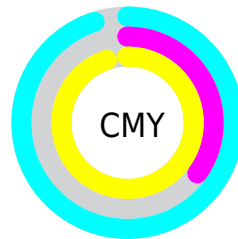
- Red (5%)
- Green (65%)
- Blue (5%)



- Red (5%)
- Yellow (65%)
- Blue (65%)



- Cyan (92%)
- Magenta (0%)
- Yellow (92%)
- Black (35%)



- Cyan (95%)
- Magenta (35%)
- Yellow (95%)
- Black (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA70D 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 0DA70D by changing the saturation by 10% instead.

 0DA70D

 0DA70D

FFFFFF

 008C00

 61DF4E

 007100

 80FD69

 005700

 9EFF85

 003F00

 BCFFA0

 002700

 DAFFBD

 000000

 F9FFD9

 FFFFF7

 0DA70D

 0DA70D

■ 00A700

■ 1EA71E

■ 2EA72E

■ 3FA73F

■ 50A750

■ 61A761

■ 71A771

■ 82A782

■ 93A793

■ A3A7A3

Harmonies

Analogous

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



889900



0DA70D



00AE6A

Triad

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



0DA70D



00A3FF



FF2E6B

Complementary

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



0DA70D



A70DA7

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.



FF35B5



0DA70D



008BFF

Square

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



0DA70D



00ADFC



C465F9



FA5A20

Rectangle

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



0DA70D



00B09E



C465F9



FF2683

Sweetspot

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



0DA70D



9CD99C



A7A70D



486E48



EDEDED



6E6E6E

Same Dimension

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



0DA70D



00D900



0DA75A



4C544C



009400



001400

Inverse Universe

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



A70DA7



D900D9



A70D5A



544C54



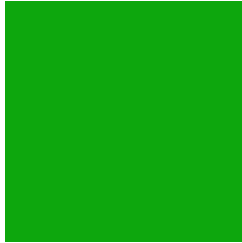
940094



140014

Previews

White Background



This preview shows how the Hex color 0DA70D looks on a white background.

Color Contrast Check

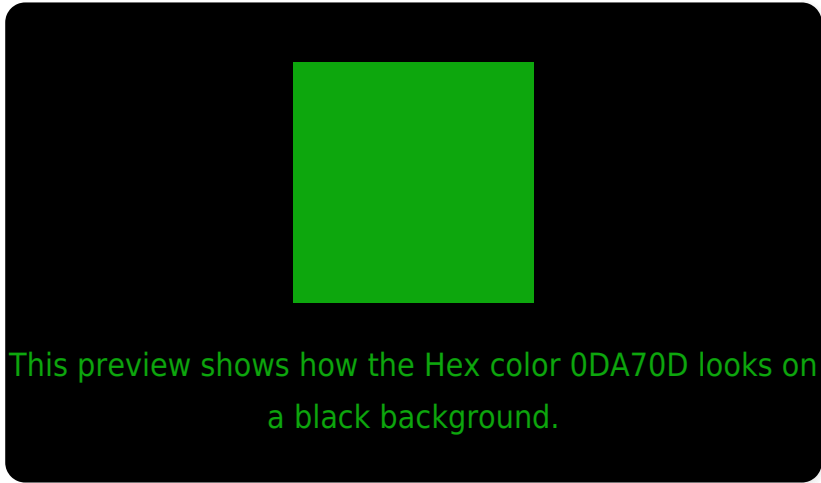
Large Text (above 18pt) WCAG AA ✓ Pass

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

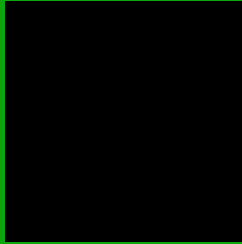
Any Text WCAG AA ✓ Pass

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 0DA70D Background



This preview shows how black text looks on a background with the Hex color 0DA70D.

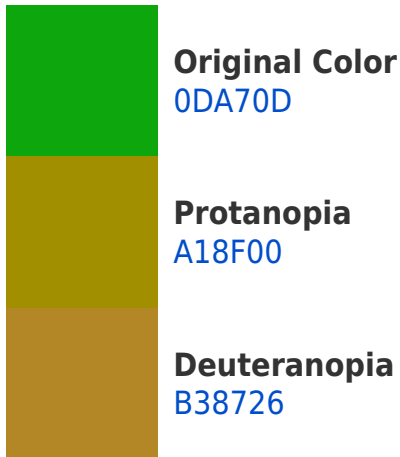


This preview shows how white text looks on a background with the Hex color 0DA70D.

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
479BA8

Trichromacy



Original Color
0DA70D



Protanomaly
6B9805



Deuteranomaly
77931D



Tritanomaly
329F70

Monochromacy



Original Color
0DA70D



Achromatopsia
676767



Achromatomaly
467E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA70D 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 #0DA70D looks like.

```
.text, #text, p{  
    color:#0DA70D  
}
```

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 #0DA70D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA70D
}
```

Border

The CSS property to change the border of an element to Hex 0DA70D 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
#0DA70D }
```

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

```
.border{ border-color:#0DA70D }
```

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

Here you see how a box with a 4 pixel #0DA70D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA70D; -webkit-box-shadow:4px 4px  
4px 4px #0DA70D; box-shadow:4px 4px 4px  
4px #0DA70D }
```

Background

The CSS property to change the background color of an element to Hex 0DA70D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA70D }
```

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

```
.background{ background-color:#0DA70D }
```

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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