

Converting Colors

Hex(0DA951)

Have a look what the booklet for
Hex(0DA951) contains.

Hex(0DA951)	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(0DA951)

Conversions

Conversions Part 1

Format	Color
Hex	0DA951
RGB	13, 169, 81
RGB Percent	5%, 66%, 32%
CMY	0.9490, 0.3373, 0.6824
CMYK	0.92, 0.00, 0.52, 0.34
HSL	146°, 86%, 36%
HSV	146°, 92%, 66%
XYZ	15.8391, 29.0556, 12.5581
YIQ	112.3240, -64.7280, -60.4400

Conversions

Conversions Part 2

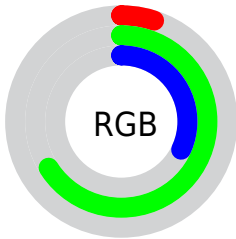
Format	Color
RYB	13, 122, 169
Decimal	895313
CIELab	60.83, -56.02, 35.11
CIELCh	61, 66.113, 147.919
Yxy	29.0556, 0.2757, 0.5057
Android (android.graphics.Color)	4279085393 (0xFF0DA951)
YUV	112.3240, -15.4427, -87.1071
Hunter-Lab	53.9032, -41.8795, 23.9192

Details

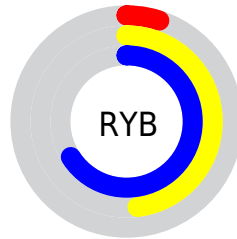
The Hex color **0DA951** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A90D65**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5EE184**, and **007320** is the 20% darker color. If you saturate the color by 10%, you get **00A94A**, and if you desaturate by 10%, it is **1EA95B**.

Distribution



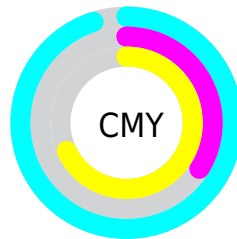
- Red (5%)
- Green (66%)
- Blue (32%)



- Red (5%)
- Yellow (48%)
- Blue (66%)



- Cyan (92%)
- Magenta (0%)
- Yellow (52%)
- Black (34%)



- Cyan (95%)
- Magenta (34%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0DA951 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 0DA951 by changing the saturation by 10% instead.

 0DA951

 0DA951

FFFFFF

 008E39

 5EE184

 007320

 7DFF9F

 005A05

 9BFFBA

 004100

 B8FFD6

 002A00

 D6FFF3

 000600

 F5FFFF

 000000

 0DA951

 0DA951

 00A94A

 1EA95B

 2FA964

 40A96E

 51A977

 61A981

 72A98A

 83A994

 94A99D

 A5A9A7

Harmonies

Analogous

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



799F1A



0DA951



00AD8D

Triad

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



0DA951



009BFF



F85F60

Complementary

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



ODA951



A90D65

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.



F75899



0DA951



8985FB

Square

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



0DA951



00A8F5



D56AD2



DE772D

Rectangle

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



0DA951



00AEB5



D56AD2



FB5A72

Sweetspot

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



0DA951



9EDBB9



65A90D



486E59



EDEDED



6E6E6E

Same Dimension

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



0DA951



00DB60



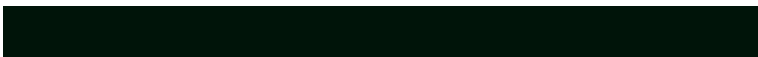
0DA99F



4C544F



009440



001409

Inverse Universe

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



A90D65



DB007C



A90D17



544C50



940053



14000C

Previews

White Background



This preview shows how the Hex color 0DA951 looks on a white background.

Color Contrast Check

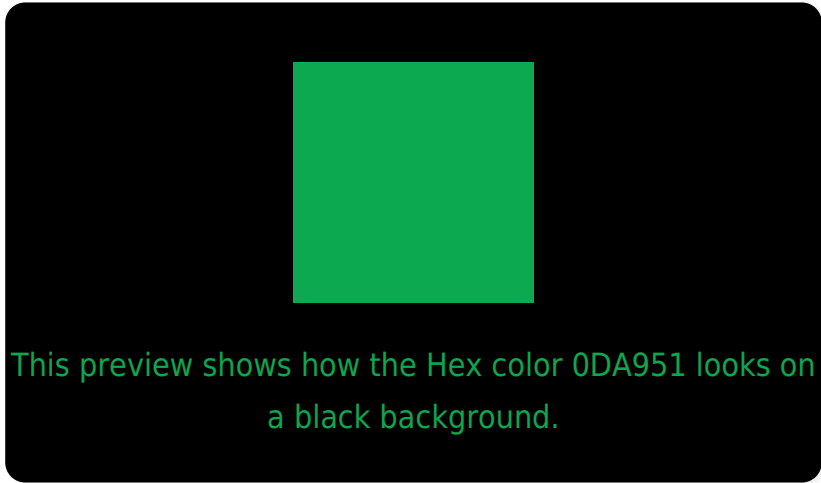
Large Text (above 18pt) WCAG AA ✓ Pass

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 0DA951 Background



This preview shows how black text looks on a background with the Hex color 0DA951.



This preview shows how white text looks on a background with the Hex color 0DA951.

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
0DA951

Protanopia
A19249

Deuteranopia
B08B59

Trichromacy



Original Color
0DA951



Protanomaly
6B9A4C



Deuteranomaly
759656



Tritanomaly
2FA38B

Monochromacy



Original Color
0DA951



Achromatopsia
707070



Achromatomaly
4C8565

CSS Examples

Text

The CSS property to change the color of the text to Hex 0DA951 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 #0DA951 looks like.

```
.text, #text, p{  
    color:#0DA951  
}
```

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 #0DA951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DA951
}
```

Border

The CSS property to change the border of an element to Hex 0DA951 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
#0DA951 }
```

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

```
.border{ border-color:#0DA951 }
```

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

Here you see how a box with a 4 pixel #0DA951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DA951; -webkit-box-shadow:4px 4px  
4px 4px #0DA951; box-shadow:4px 4px 4px  
4px #0DA951 }
```

Background

The CSS property to change the background color of an element to Hex 0DA951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DA951 }
```

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

```
.background{ background-color:#0DA951 }
```

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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