

Converting Colors

Hex(00DA51)

Have a look what the booklet for
Hex(00DA51) contains.

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Color

Hex(00DA51)

Conversions

Conversions Part 1

Format	Color
Hex	00DA51
RGB	0, 218, 81
RGB Percent	0%, 85%, 32%
CMY	1.0000, 0.1451, 0.6824
CMYK	1.00, 0.00, 0.63, 0.15
HSL	142°, 100%, 43%
HSV	142°, 100%, 85%
XYZ	26.5566, 50.7369, 16.1781
YIQ	137.2000, -85.9510, -88.8230

Conversions

Conversions Part 2

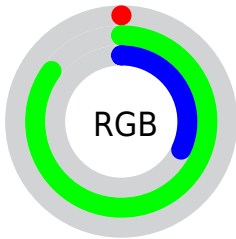
Format	Color
RYB	0, 159, 218
Decimal	55889
CIELab	76.52, -71.92, 53.59
CIELCh	77, 89.685, 143.309
Yxy	50.7369, 0.2841, 0.5428
Android (android.graphics.Color)	4278245969 (0xFF00DA51)
YUV	137.2000, -27.7066, -120.3244
Hunter-Lab	71.2298, -58.1021, 36.3946

Details

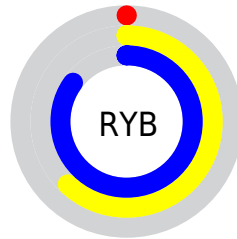
The Hex color **00DA51** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DA0089**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6BFF87**, and **00A117** is the 20% darker color. If you saturate the color by 10%, you get **00DA51**, and if you desaturate by 10%, it is **16DA5F**.

Distribution



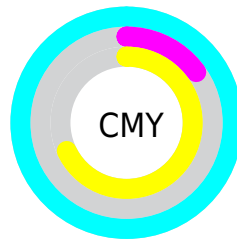
- Red (0%)
- Green (85%)
- Blue (32%)



- Red (0%)
- Yellow (62%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00DA51 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 00DA51 by changing the saturation by 10% instead.

 00DA51

 00DA51

FFFFFF

 00BD36

 6BFF87

 00A117

 8CFFA2

 008600

 ACFFBF

 006B00

 CBFFDB

 005100

 EBFF8

 003900

 001F00

 000000

 00DA51

 16DA5F

 2CDA6C

 41DA7A

 57DA88

 6DDA95

 83DAA3

 99DAB1

 AEDABF

 C4DACC

Harmonies

Analogous

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



A4CC00



00DA51



00E1A7

Triad

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



00DA51



00CCFF



FF6981

Complementary

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



00DA51



DA0089

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.



FF63D3



00DA51



90AFFF

Square

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



00DA51



00DCFF



FF86FF



FF8F32

Rectangle

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



00DA51



00E2E1



FF86FF



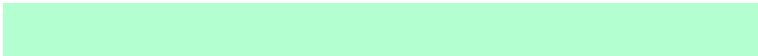
FF619C

Sweetspot

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



00DA51



B3FFCF



8ADA00



528063



000000



808080

Same Dimension

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



00DA51



00FF5F



00DABD



636E67



00AD40



002E11

Inverse Universe

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



DA0089



FF00A0



DA001D



6E636A



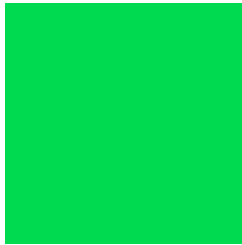
AD006D



2E001D

Previews

White Background



This preview shows how the Hex color 00DA51 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00DA51 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00DA51 Background



This preview shows how black text looks on a background with the Hex color 00DA51.

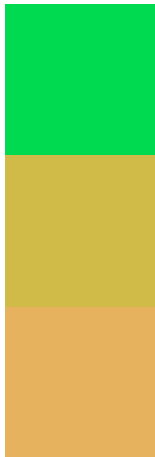


This preview shows how white text looks on a background with the Hex color 00DA51.

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](#).

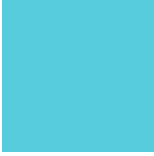
Dichromacy



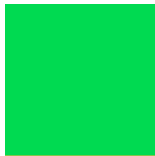
Original Color
00DA51

Protanopia
D1BB48

Deuteranopia
E6B25D



Trichromacy



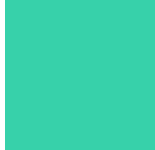
Original Color
00DA51



Protanomaly
85C64B



Deuteranomaly
92C159



Tritanomaly
37D1AA

Monochromacy



Original Color
00DA51



Achromatopsia
898989



Achromatomaly
57A675

CSS Examples

Text

The CSS property to change the color of the text to Hex 00DA51 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 #00DA51 looks like.

```
.text, #text, p{  
    color:#00DA51  
}
```

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 #00DA51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DA51
}
```

Border

The CSS property to change the border of an element to Hex 00DA51 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
#00DA51 }
```

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

```
.border{ border-color:#00DA51 }
```

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

Here you see how a box with a 4 pixel #00DA51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DA51; -webkit-box-shadow:4px 4px  
4px 4px #00DA51; box-shadow:4px 4px 4px  
4px #00DA51 }
```

Background

The CSS property to change the background color of an element to Hex 00DA51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DA51 }
```

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

```
.background{ background-color:#00DA51 }
```

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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