

Converting Colors

Hex(1DD339)

Have a look what the booklet for
Hex(1DD339) contains.

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Color

Hex(1DD339)

Conversions

Conversions Part 1

Format	Color
Hex	1DD339
RGB	29, 211, 57
RGB Percent	11%, 83%, 22%
CMY	0.8863, 0.1725, 0.7765
CMYK	0.86, 0.00, 0.73, 0.17
HSL	129°, 76%, 47%
HSV	129°, 86%, 83%
XYZ	24.5395, 47.1451, 11.6775
YIQ	139.0260, -59.0380, -86.4780

Conversions

Conversions Part 2

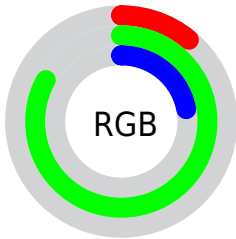
Format	Color
RYB	29, 187, 211
Decimal	1954617
CIELab	74.28, -70.77, 60.64
CIElCh	74, 93.194, 139.409
Yxy	47.1451, 0.2944, 0.5655
Android (android.graphics.Color)	4280144697 (0xFF1DD339)
YUV	139.0260, -40.4388, -96.4928
Hunter-Lab	68.6623, -56.3643, 37.9801

Details

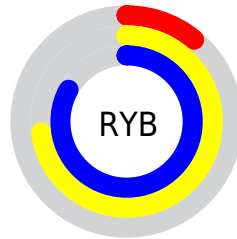
The Hex color **1DD339** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D31DB7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **70FF71**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **08D327**, and if you desaturate by 10%, it is **32D34B**.

Distribution



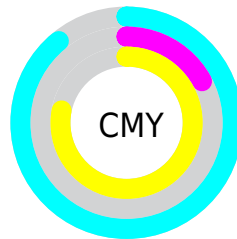
- Red (11%)
- Green (83%)
- Blue (22%)



- Red (11%)
- Yellow (73%)
- Blue (83%)



- Cyan (86%)
- Magenta (0%)
- Yellow (73%)
- Black (17%)



- Cyan (89%)
- Magenta (17%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DD339 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 1DD339 by changing the saturation by 10% instead.

 1DD339

 1DD339

FFFFFF

 00B718

 70FF71

 009B00

 91FF8D

 007F00

 B0FFA9

 006500

 CFFFC5

 004B00

 EFFFEE

 003300

 001800

 000000

 1DD339

 1DD339

 08D327

 32D34B

 00D320

 47D35D

 5CD36F

 71D380

 86D392

 9CD3A4

 B1D3B6

 C6D3C8

 DBD3DA

Harmonies

Analogous

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



A7C300



1DD339



00DB94

Triad

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



1DD339



00CAFF



FF5783

Complementary

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



1DD339



D31DB7

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.



FF57D9



1DD339



62ADFF

Square

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



1DD339



00D8FF



FD82FF



FF8031

Rectangle

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



1DD339



00DCD0



FD82FF



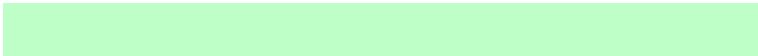
FF50A0

Sweetspot

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



1DD339



BDFFC7



B8D31D



58805E



000000



808080

Same Dimension

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



1DD339



00FF27



1DD393



5E6960



00A81A



002906

Inverse Universe

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



D31DB7



FF00D8



D31D5D



695E67



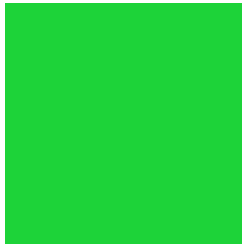
A8008E



290023

Previews

White Background



This preview shows how the Hex color 1DD339 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 1DD339 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 1DD339 Background



This preview shows how black text looks on a background with the Hex color 1DD339.

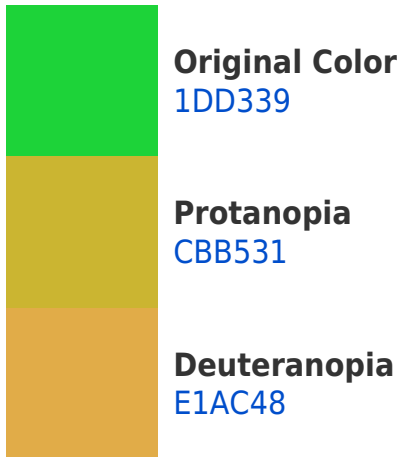


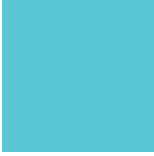
This preview shows how white text looks on a background with the Hex color 1DD339.

Color Blindness Simulation

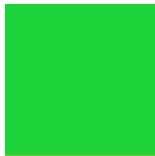
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



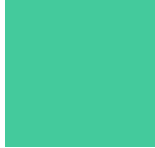
Original Color
1DD339



Protanomaly
8CC034



Deuteranomaly
9ABA43



Tritanomaly
44CA9C

Monochromacy



Original Color
1DD339



Achromatopsia
8B8B8B



Achromatomaly
63A56D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DD339 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 #1DD339 looks like.

```
.text, #text, p{  
    color:#1DD339  
}
```

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 #1DD339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DD339
}
```

Border

The CSS property to change the border of an element to Hex 1DD339 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
#1DD339 }
```

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

```
.border{ border-color:#1DD339 }
```

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

Here you see how a box with a 4 pixel #1DD339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DD339; -webkit-box-shadow:4px 4px  
4px 4px #1DD339; box-shadow:4px 4px 4px  
4px #1DD339 }
```

Background

The CSS property to change the background color of an element to Hex 1DD339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DD339 }
```

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

```
.background{ background-color:#1DD339 }
```

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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