

Converting Colors

Hex(1DAB3C)

Have a look what the booklet for
Hex(1DAB3C) contains.

Hex(1DAB3C)	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(1DAB3C)

Conversions

Conversions Part 1

Format	Color
Hex	1DAB3C
RGB	29, 171, 60
RGB Percent	11%, 67%, 24%
CMY	0.8863, 0.3294, 0.7647
CMYK	0.83, 0.00, 0.65, 0.33
HSL	133°, 71%, 39%
HSV	133°, 83%, 67%
XYZ	15.8852, 29.7133, 9.1730
YIQ	115.8880, -49.0010, -64.6250

Conversions

Conversions Part 2

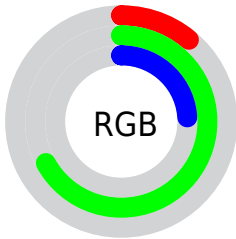
Format	Color
R_{YB}	29, 146, 171
Decimal	1944380
CIE _{Lab}	61.41, -58.23, 45.78
CIE _{LCh}	61, 74.074, 141.825
Yxy	29.7133, 0.2900, 0.5425
Android (android.graphics.Color)	4280134460 (0xFF1DAB3C)
YUV	115.8880, -27.5528, -76.2008
Hunter-Lab	54.5099, -43.3740, 28.1796

Details

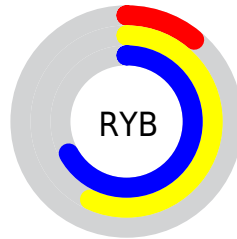
The Hex color **1DAB3C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB1D8C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **65E470**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **0CAB2F**, and if you desaturate by 10%, it is **2EAB49**.

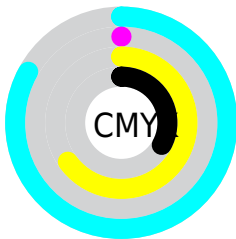
Distribution



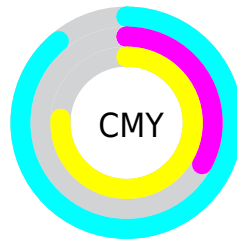
- Red (11%)
- Green (67%)
- Blue (24%)



- Red (11%)
- Yellow (57%)
- Blue (67%)



- Cyan (83%)
- Magenta (0%)
- Yellow (65%)
- Black (33%)



- Cyan (89%)
- Magenta (33%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DAB3C 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 1DAB3C by changing the saturation by 10% instead.

 1DAB3C

 1DAB3C

FFFFFF

 009021

 65E470

 007500

 84FF8A

 005B00

 A1FFA6

 004200

 BFFFC1

 002C00

 DDFDE

 000A00

 FBFFFB

 000000

 1DAB3C

 1DAB3C

 0CAB2F

 2EAB49

■ 00AB25

■ 3FAB57

■ 50AB64

■ 61AB71

■ 72AB7F

■ 84AB8C

■ 95AB9A

■ A6ABA7

■ B7ABB4

Harmonies

Analogous

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



849F00



1DAB3C



00B180

Triad

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



1DAB3C



00A1FF



FF5268

Complementary

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



1DAB3C



AB1D8C

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.



FF4FA9



1DAB3C



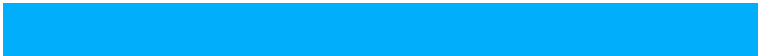
6A8BFF

Square

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



1DAB3C



00AEFB



D16BE6



EF6E2B

Rectangle

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



1DAB3C



00B2AD



D16BE6



FF4C7D

Sweetspot

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



1DAB3C



A6DEB2



8CAB1D



4F7056



F0F0F0



707070

Same Dimension

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



1DAB3C



00DE30



1DAB83



4E5750



009621



001705

Inverse Universe

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



AB1D8C



DE00AD



AB1D45



574E55



960076



170012

Previews

White Background



This preview shows how the Hex color 1DAB3C looks on a white background.

Color Contrast Check

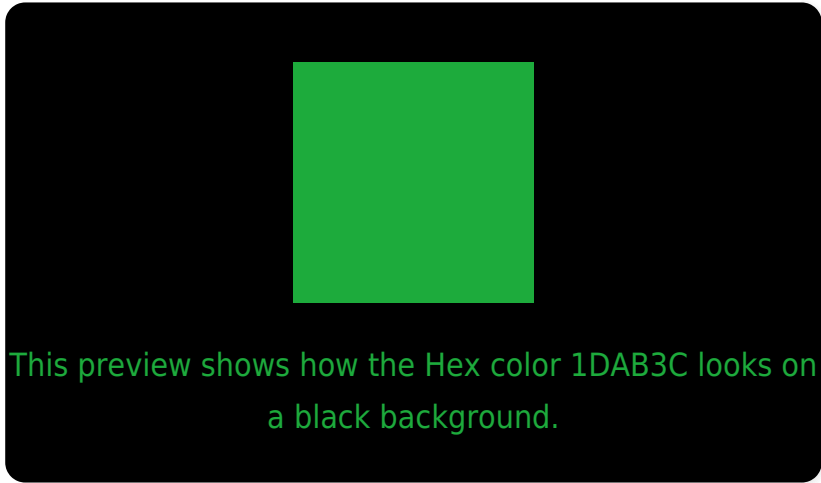
Large Text (above 18pt) WCAG AA ✓ Pass

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 1DAB3C Background



This preview shows how black text looks on a background with the Hex color 1DAB3C.

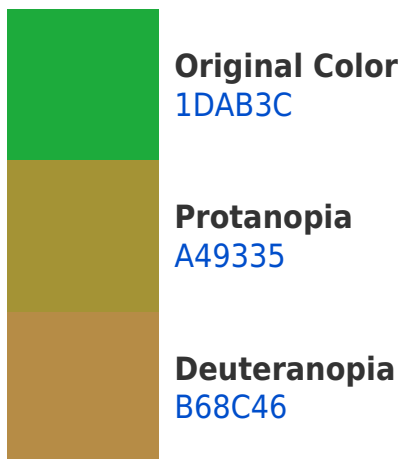


This preview shows how white text looks on a background with the Hex color 1DAB3C.

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
49A0AD

Trichromacy



Original Color
1DAB3C



Protanomaly
739C38



Deuteranomaly
7E9742



Tritanomaly
39A484

Monochromacy



Original Color
1DAB3C



Achromatopsia
747474



Achromatomaly
548860

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DAB3C 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 #1DAB3C looks like.

```
.text, #text, p{  
    color:#1DAB3C  
}
```

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 #1DAB3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DAB3C
}
```

Border

The CSS property to change the border of an element to Hex 1DAB3C 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
#1DAB3C }
```

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

```
.border{ border-color:#1DAB3C }
```

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

Here you see how a box with a 4 pixel #1DAB3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DAB3C; -webkit-box-shadow:4px 4px  
4px 4px #1DAB3C; box-shadow:4px 4px 4px  
4px #1DAB3C }
```

Background

The CSS property to change the background color of an element to Hex 1DAB3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DAB3C }
```

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

```
.background{ background-color:#1DAB3C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor