

Converting Colors

Hex(1DA33B)

Have a look what the booklet for
Hex(1DA33B) contains.

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Color

Hex(1DA33B)

Conversions

Conversions Part 1

Format	Color
Hex	1DA33B
RGB	29, 163, 59
RGB Percent	11%, 64%, 23%
CMY	0.8863, 0.3608, 0.7686
CMYK	0.82, 0.00, 0.64, 0.36
HSL	133°, 70%, 38%
HSV	133°, 82%, 64%
XYZ	14.3933, 26.7714, 8.5465
YIQ	111.0780, -46.4800, -60.7520

Conversions

Conversions Part 2

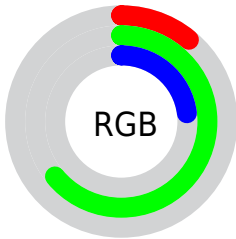
Format	Color
R_{YB}	29, 138, 163
Decimal	1942331
CIE _{Lab}	58.76, -55.74, 43.27
CIE _{LCh}	59, 70.564, 142.181
Y _{xy}	26.7714, 0.2895, 0.5385
Android (android.graphics.Color)	4280132411 (0xFF1DA33B)
YUV	111.0780, -25.6745, -71.9824
Hunter-Lab	51.7411, -40.8918, 26.4254

Details

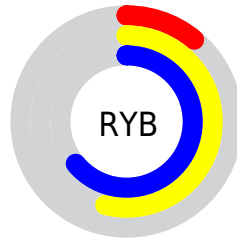
The Hex color **1DA33B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A31D85**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **63DB6E**, and **006E01** is the 20% darker color. If you saturate the color by 10%, you get **0DA32E**, and if you desaturate by 10%, it is **2DA348**.

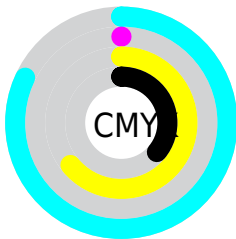
Distribution



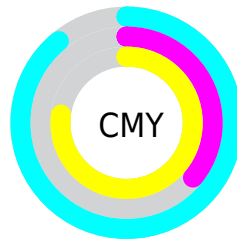
- Red (11%)
- Green (64%)
- Blue (23%)



- Red (11%)
- Yellow (54%)
- Blue (64%)



- Cyan (82%)
- Magenta (0%)
- Yellow (64%)
- Black (36%)



- Cyan (89%)
- Magenta (36%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DA33B 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 1DA33B by changing the saturation by 10% instead.

 1DA33B

 1DA33B

FFFFFF

 008821

 63DB6E

 006E01

 81F889

 005400

 9FFFA4

 003C00

 BCFFBF

 002500

 DAFFDC

 000000

 F8FFF9

 1DA33B

 1DA33B

 0DA32E

 2DA348

 00A324

 3EA354

 4EA361

 5EA36E

 6FA37A

 7FA387

 8FA394

 9FA3A0

 B0A3AD

Harmonies

Analogous

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



7E9800



1DA33B



00A87B

Triad

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



1DA33B



009AFF



F95063

Complementary

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



1DA33B



A31D85

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.



F34CA0



1DA33B



6884FF

Square

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



1DA33B



00A5EF



C766DA



E36A29

Rectangle

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



1DA33B



00A9A6



C766DA



FB4A77

Sweetspot

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



1DA33B



9FD4AB



86A31D



4B6B52



EBEBEB



6B6B6B

Same Dimension

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



1DA33B



02D431



1DA37D



49524B



009121



001204

Inverse Universe

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



A31D85



D402A5



A31D43



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 1DA33B looks on a white background.

Color Contrast Check

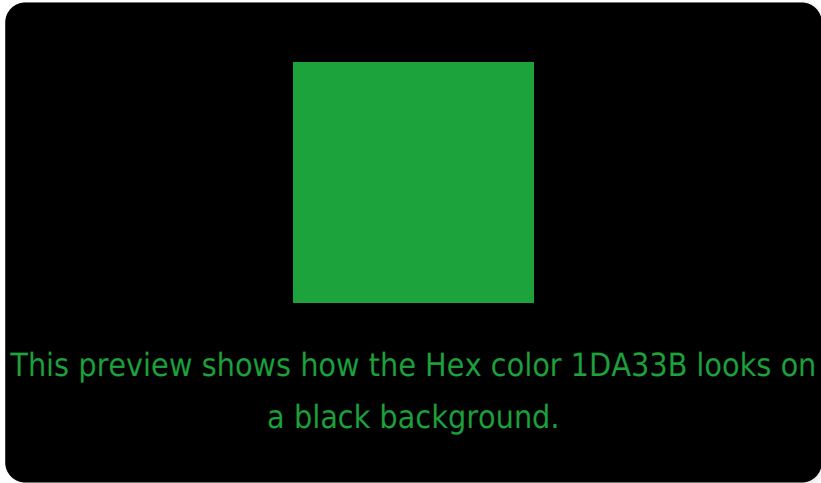
Large Text (above 18pt) WCAG AA ✓ Pass

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 1DA33B Background



This preview shows how black text looks on a background with the Hex color 1DA33B.



This preview shows how white text looks on a background with the Hex color 1DA33B.

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
1DA33B

Protanopia
9D8D35

Deuteranopia
AD8644



Tritanopia
4699A5

Trichromacy



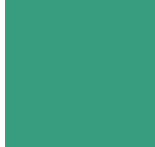
Original Color
1DA33B



Protanomaly
6E9537



Deuteranomaly
799141



Tritanomaly
379D7E

Monochromacy



Original Color
1DA33B



Achromatopsia
6F6F6F



Achromatomaly
51825C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DA33B 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 #1DA33B looks like.

```
.text, #text, p{  
    color:#1DA33B  
}
```

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 #1DA33B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA33B
}
```

Border

The CSS property to change the border of an element to Hex 1DA33B 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
#1DA33B }
```

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

```
.border{ border-color:#1DA33B }
```

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

Here you see how a box with a 4 pixel #1DA33B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA33B; -webkit-box-shadow:4px 4px  
4px 4px #1DA33B; box-shadow:4px 4px 4px  
4px #1DA33B }
```

Background

The CSS property to change the background color of an element to Hex 1DA33B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA33B }
```

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

```
.background{ background-color:#1DA33B }
```

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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