

Converting Colors

Hex(1DB633)

Have a look what the booklet for
Hex(1DB633) contains.

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Color

Hex(1DB633)

Conversions

Conversions Part 1

Format	Color
Hex	1DB633
RGB	29, 182, 51
RGB Percent	11%, 71%, 20%
CMY	0.8863, 0.2863, 0.8000
CMYK	0.84, 0.00, 0.72, 0.29
HSL	129°, 73%, 41%
HSV	129°, 84%, 71%
XYZ	17.8322, 33.9561, 8.7463
YIQ	121.3190, -49.1370, -73.1770

Conversions

Conversions Part 2

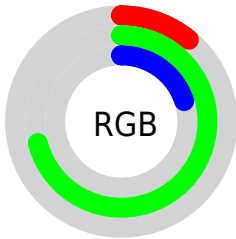
Format	Color
RYB	29, 163, 182
Decimal	1947187
CIELab	64.93, -62.59, 53.24
CIELCh	65, 82.168, 139.617
Yxy	33.9561, 0.2946, 0.5609
Android (android.graphics.Color)	4280137267 (0xFF1DB633)
YUV	121.3190, -34.6673, -80.9638
Hunter-Lab	58.2719, -47.3518, 31.8912

Details

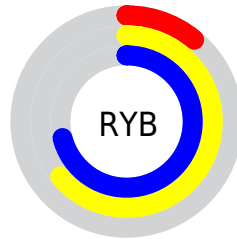
The Hex color **1DB633** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B61DA0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **69EF69**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **0BB623**, and if you desaturate by 10%, it is **2FB643**.

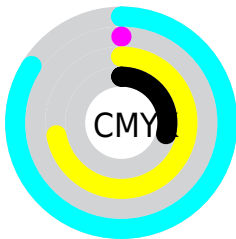
Distribution



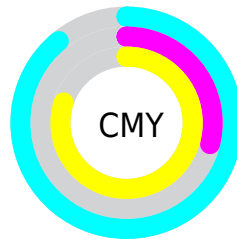
- Red (11%)
- Green (71%)
- Blue (20%)



- Red (11%)
- Yellow (64%)
- Blue (71%)



- Cyan (84%)
- Magenta (0%)
- Yellow (72%)
- Black (29%)



- Cyan (89%)
- Magenta (29%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DB633 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 1DB633 by changing the saturation by 10% instead.

 1DB633

 1DB633

FFFFFF

 009A14

 69EF69

 007F00

 88FF84

 006500

 A6FF9F

 004C00

 C4FFBB

 003500

 E3FFD8

 001A00

 FFFFF5

 000000

 1DB633

 1DB633

 0BB623

 2FB643

 00B61A

 41B652

 54B662

 66B671

 78B681

 8AB690

 9CB6A0

 AFB6B0

 C1B6BF

Harmonies

Analogous

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



90A800



1DB633



00BD81

Triad

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



1DB633



00AEFF



FF4D71

Complementary

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



1DB633



B61DA0

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.



FF4DBA



1DB633



5995FF

Square

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



1DB633



00BAFF



DB71FE



FF702B

Rectangle

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



1DB633



00BEB4



DB71FE



FF4789

Sweetspot

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



1DB633



B2EDBA



A2B61D



547859



F7F7F7



787878

Same Dimension

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



1DB633



00ED22



1DB67E



535C54



009C16



001C04

Inverse Universe

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



B61DA0



ED00CB



B61D55



5C535A



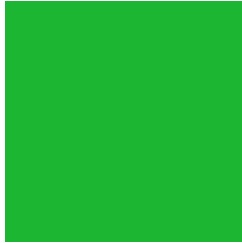
9C0085



1C0018

Previews

White Background



This preview shows how the Hex color 1DB633 looks on a white background.

Color Contrast Check

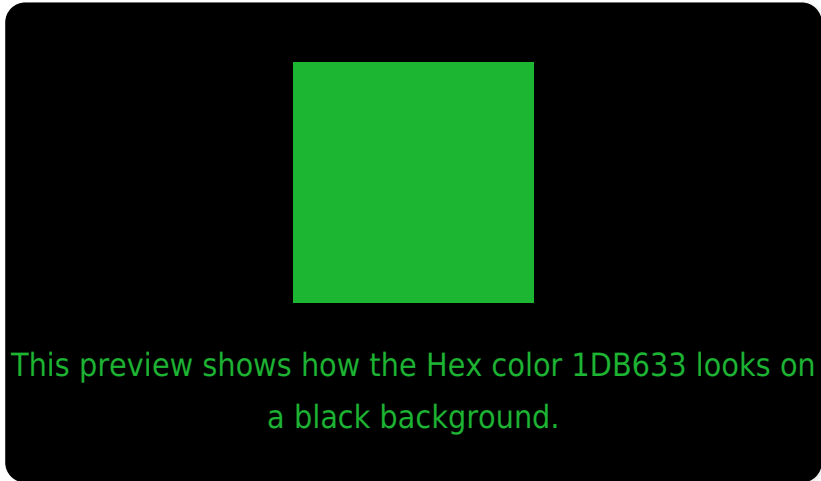
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 1DB633 Background



This preview shows how black text looks on a background with the Hex color 1DB633.

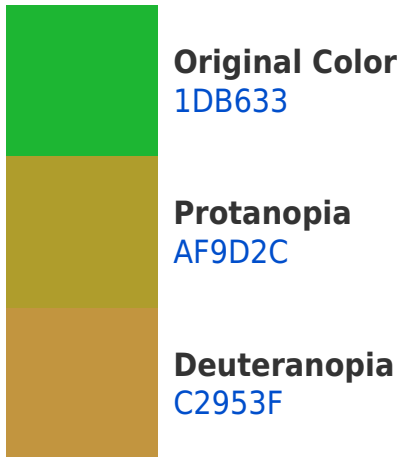


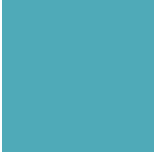
This preview shows how white text looks on a background with the Hex color 1DB633.

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
4FAAB8

Trichromacy



Original Color
1DB633



Protanomaly
7AA62F



Deuteranomaly
86A13B



Tritanomaly
3DAE88

Monochromacy



Original Color
1DB633



Achromatopsia
797979



Achromatomaly
588F60

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DB633 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 #1DB633 looks like.

```
.text, #text, p{  
    color:#1DB633  
}
```

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 #1DB633 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DB633
}
```

Border

The CSS property to change the border of an element to Hex 1DB633 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
#1DB633 }
```

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

```
.border{ border-color:#1DB633 }
```

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

Here you see how a box with a 4 pixel #1DB633 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DB633; -webkit-box-shadow:4px 4px  
4px 4px #1DB633; box-shadow:4px 4px 4px  
4px #1DB633 }
```

Background

The CSS property to change the background color of an element to Hex 1DB633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DB633 }
```

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

```
.background{ background-color:#1DB633 }
```

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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