

Converting Colors

Hex(1DB818)

Have a look what the booklet for
Hex(1DB818) contains.

Hex(1DB818)	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(1DB818)

Conversions

Conversions Part 1

Format	Color
Hex	1DB818
RGB	29, 184, 24
RGB Percent	11%, 72%, 9%
CMY	0.8863, 0.2784, 0.9059
CMYK	0.84, 0.00, 0.87, 0.28
HSL	118°, 77%, 41%
HSV	118°, 87%, 72%
XYZ	17.8121, 34.6081, 6.6054
YIQ	119.4150, -41.0200, -82.6200

Conversions

Conversions Part 2

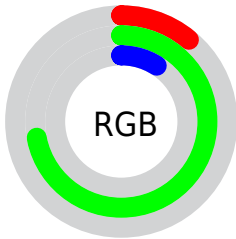
Format	Color
RYB	24, 184, 179
Decimal	1947672
CIELab	65.44, -64.92, 61.83
CIElCh	65, 89.651, 136.394
Yxy	34.6081, 0.3018, 0.5863
Android (android.graphics.Color)	4280137752 (0xFF1DB818)
YUV	119.4150, -47.0396, -79.2940
Hunter-Lab	58.8287, -48.9042, 34.5229

Details

The Hex color **1DB818** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B318B8**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6BF156**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **0BB806**, and if you desaturate by 10%, it is **2FB82A**.

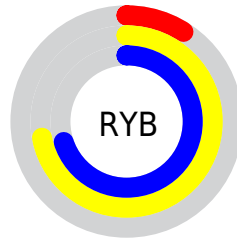
Distribution



Red (11%)

Green (72%)

Blue (9%)



Red (9%)

Yellow (72%)

Blue (70%)

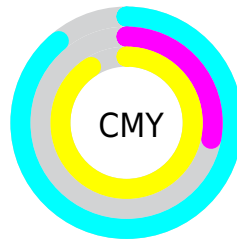


Cyan (84%)

Magenta (0%)

Yellow (87%)

Black (28%)



Cyan (89%)

Magenta (28%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DB818 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 1DB818 by changing the saturation by 10% instead.

 1DB818

 1DB818


FFFFFF

 009C00

 6BF156

 008100

 8AFF72

 006700

 A8FF8E

 004D00

 C7FFAA

 003600

 E5FFC6

 001C00

 FFFF E3

 000000

 1DB818

 1DB818

 0BB806

 2FB82A

■ 06B800

■ 41B83D

■ 52B84F

■ 64B862

■ 76B874

■ 88B886

■ 9AB899

■ ACB8AB

■ BDB8BE

Harmonies

Analogous

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



97A900



1DB818



00BF76

Triad

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



1DB818



00B3FF



FF3A77

Complementary

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



1DB818



B318B8

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.



FF41C7



1DB818



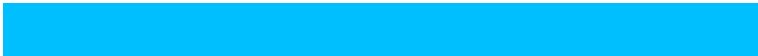
009AFF

Square

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



1DB818



00BFFF



D771FF



FF6628

Rectangle

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



1DB818



00C1AF



D771FF



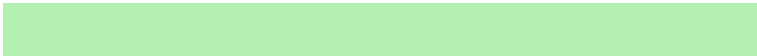
FF3391

Sweetspot

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



1DB818



B3F0B1



B8B318



547853



F7F7F7



787878

Same Dimension

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



1DB818



07F000



18B863



535C53



059C00



011C00

Inverse Universe

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



B318B8



E800F0



B8186D



5C535C



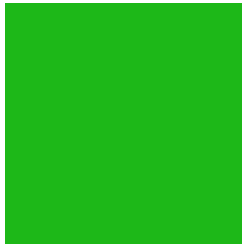
97009C



1B001C

Previews

White Background



This preview shows how the Hex color 1DB818 looks on a white background.

Color Contrast Check

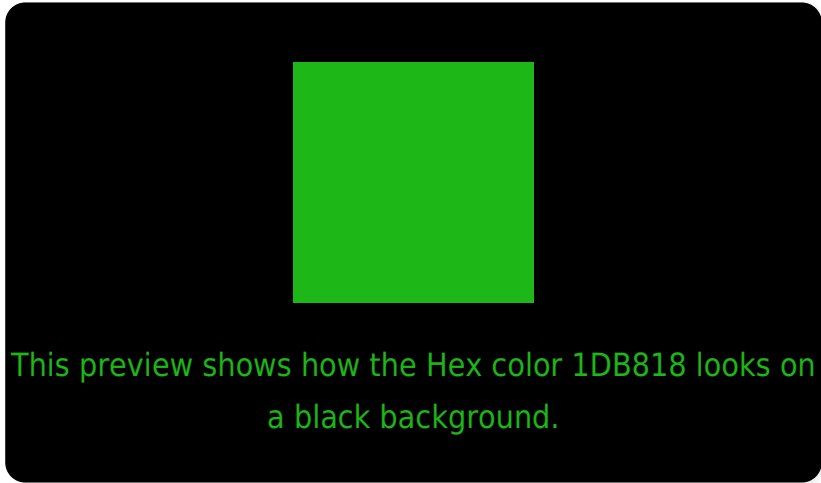
Large Text (above 18pt) WCAG AA × Fail

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 1DB818 Background



This preview shows how black text looks on a background with the Hex color 1DB818.

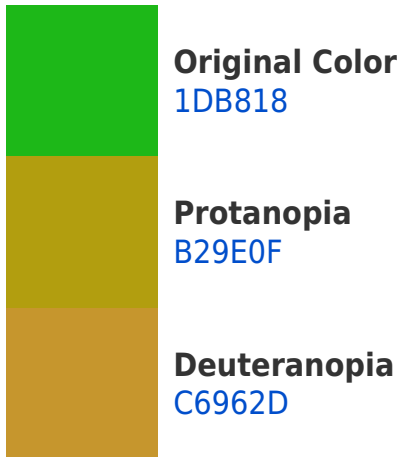


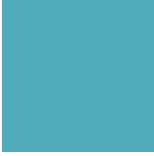
This preview shows how white text looks on a background with the Hex color 1DB818.

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
51ABB9

Trichromacy



Original Color
1DB818



Protanomaly
7CA712



Deuteranomaly
89A225



Tritanomaly
3EB07E

Monochromacy



Original Color
1DB818



Achromatopsia
777777



Achromatomaly
568F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DB818 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 #1DB818 looks like.

```
.text, #text, p{  
    color:#1DB818  
}
```

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 #1DB818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DB818 }  
}
```

Border

The CSS property to change the border of an element to Hex 1DB818 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 #1DB818 }  
}
```

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

```
.border{ border-color:#1DB818 }
```

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

Here you see how a box with a 4 pixel #1DB818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DB818; -webkit-box-shadow:4px 4px  
4px 4px #1DB818; box-shadow:4px 4px 4px  
4px #1DB818 }
```

Background

The CSS property to change the background color of an element to Hex 1DB818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DB818 }
```

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

```
.background{ background-color:#1DB818 }
```

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