

Converting Colors

Hex(1DB83C)

Have a look what the booklet for
Hex(1DB83C) contains.

Hex(1DB83C)	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(1DB83C)

Conversions

Conversions Part 1

Format	Color
Hex	1DB83C
RGB	29, 184, 60
RGB Percent	11%, 72%, 24%
CMY	0.8863, 0.2784, 0.7647
CMYK	0.84, 0.00, 0.67, 0.28
HSL	132°, 73%, 42%
HSV	132°, 84%, 72%
XYZ	18.4628, 34.8684, 10.0322
YIQ	123.5190, -52.5760, -71.4240

Conversions

Conversions Part 2

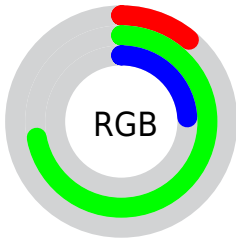
Format	Color
RYB	29, 158, 184
Decimal	1947708
CIELab	65.65, -62.35, 50.44
CIElCh	66, 80.197, 141.030
Yxy	34.8684, 0.2914, 0.5503
Android (android.graphics.Color)	4280137788 (0xFF1DB83C)
YUV	123.5190, -31.3149, -82.8932
Hunter-Lab	59.0495, -47.5257, 31.2616

Details

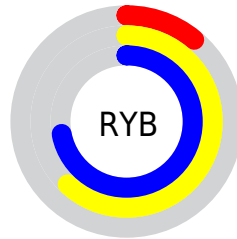
The Hex color **1DB83C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B81D99**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **69F171**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **0BB82D**, and if you desaturate by 10%, it is **2FB84B**.

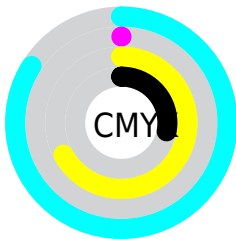
Distribution



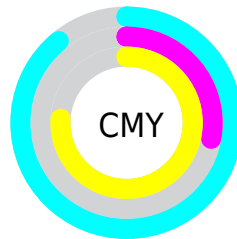
- Red (11%)
- Green (72%)
- Blue (24%)



- Red (11%)
- Yellow (62%)
- Blue (72%)



- Cyan (84%)
- Magenta (0%)
- Yellow (67%)
- Black (28%)



- Cyan (89%)
- Magenta (28%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DB83C 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 1DB83C by changing the saturation by 10% instead.

 1DB83C

 1DB83C

FFFFFF

 009C20

 69F171

 008100

 88FF8C

 006700

 A6FFA7

 004D00

 C4FFC3

 003600

 E3FFE0

 001C00

FFFFFFD

 000000

 1DB83C

 1DB83C

 0BB82D

 2FB84B

 00B825

 42B859

 54B868

 67B877

 79B886

 8BB894

 9EB8A3

 B0B8B2

 C3B8C0

Harmonies

Analogous

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



8FAB00



1DB83C



00BE87

Triad

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



1DB83C



00AFFF



FF5471

Complementary

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



1DB83C



B81D99

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.



FF52B8



1DB83C



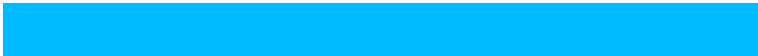
6A96FF

Square

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



1DB83C



00BBFF



DF72FB



FF752D

Rectangle

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



1DB83C



00C0B9



DF72FB



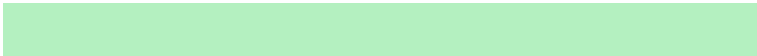
FF4E88

Sweetspot

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



1DB83C



B4F0C0



99B81D



54785B



F7F7F7



787878

Same Dimension

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



1DB83C



00F030



1DB88A



535C54



009C1F



001C06

Inverse Universe

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



B81D99



F000C0



B81D4C



5C535A



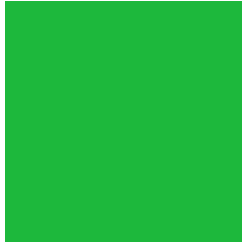
9C007C



1C0016

Previews

White Background



This preview shows how the Hex color 1DB83C looks on a white background.

Color Contrast Check

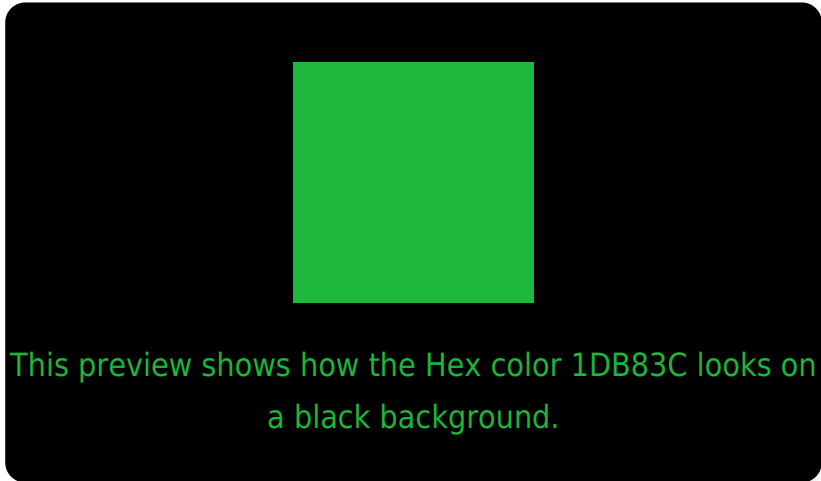
Large Text (above 18pt) WCAG AA × Fail

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 1DB83C Background



This preview shows how black text looks on a background with the Hex color 1DB83C.



This preview shows how white text looks on a background with the Hex color 1DB83C.

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
1DB83C

Protanopia
B19E35

Deuteranopia
C49647

Trichromacy



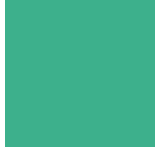
Original Color
1DB83C



Protanomaly
7BA738



Deuteranomaly
87A243



Tritanomaly
3DB08C

Monochromacy



Original Color
1DB83C



Achromatopsia
7C7C7C



Achromatomaly
599265

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DB83C 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 #1DB83C looks like.

```
.text, #text, p{  
    color:#1DB83C  
}
```

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 #1DB83C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DB83C
}
```

Border

The CSS property to change the border of an element to Hex 1DB83C 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
#1DB83C }
```

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

```
.border{ border-color:#1DB83C }
```

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

Here you see how a box with a 4 pixel #1DB83C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DB83C; -webkit-box-shadow:4px 4px  
4px 4px #1DB83C; box-shadow:4px 4px 4px  
4px #1DB83C }
```

Background

The CSS property to change the background color of an element to Hex 1DB83C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DB83C }
```

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

```
.background{ background-color:#1DB83C }
```

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