

Converting Colors

Hex(1BB83B)

Have a look what the booklet for
Hex(1BB83B) contains.

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Color

Hex(1BB83B)

Conversions

Conversions Part 1

Format	Color
Hex	1BB83B
RGB	27, 184, 59
RGB Percent	11%, 72%, 23%
CMY	0.8941, 0.2784, 0.7686
CMYK	0.85, 0.00, 0.68, 0.28
HSL	132°, 74%, 41%
HSV	132°, 85%, 72%
XYZ	18.3819, 34.8298, 9.8917
YIQ	122.8070, -53.4470, -72.1590

Conversions

Conversions Part 2

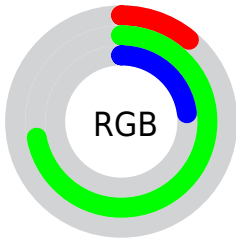
Format	Color
RYB	27, 157, 184
Decimal	1816635
CIELab	65.62, -62.64, 50.81
CIELCh	66, 80.659, 140.956
Yxy	34.8298, 0.2913, 0.5519
Android (android.graphics.Color)	4280006715 (0xFF1BB83B)
YUV	122.8070, -31.4569, -84.0227
Hunter-Lab	59.0167, -47.6820, 31.3743

Details

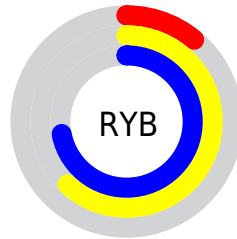
The Hex color **1BB83B** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B81B98**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **68F170**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **09B82C**, and if you desaturate by 10%, it is **2DB84A**.

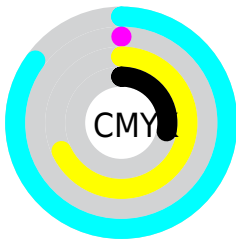
Distribution



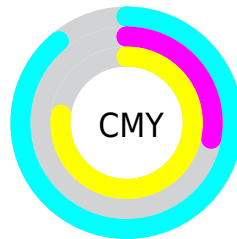
- Red (11%)
- Green (72%)
- Blue (23%)



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



- Cyan (85%)
- Magenta (0%)
- Yellow (68%)
- Black (28%)



- Cyan (89%)
- Magenta (28%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB83B 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 1BB83B by changing the saturation by 10% instead.

 1BB83B

 1BB83B

FFFFFF

 009C1F

 68F170

 008100

 87FF8B

 006700

 A6FFA6

 004D00

 C4FFC2

 003600

 E2FFDF

 001C00

FFFFFFC

 000000

 1BB83B

 1BB83B

 09B82C

 2DB84A

 00B826

 40B858

 52B867

 65B876

 77B884

 89B893

 9CB8A2

 AEB8B0

 C1B8BF

Harmonies

Analogous

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



8FAB00



1BB83B



00BE86

Triad

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



1BB83B



00AFFF



FF5370

Complementary

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



1BB83B



B81B98

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.



FF51B9



1BB83B



6896FF

Square

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



1BB83B



00BCFF



E072FC



FF742C

Rectangle

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



1BB83B



00C0B9



E072FC



FF4D88

Sweetspot

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



1BB83B



B1F0BE



99B81B



53785A



F7F7F7



787878

Same Dimension

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



1BB83B



00F031



1BB889



535C54



009C20



001C06

Inverse Universe

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



B81B98



F000BF



B81B4A



5C535A



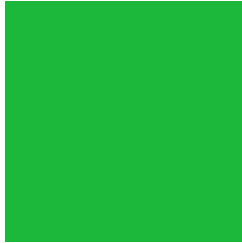
9C007C



1C0016

Previews

White Background



This preview shows how the Hex color 1BB83B looks on a white background.

Color Contrast Check

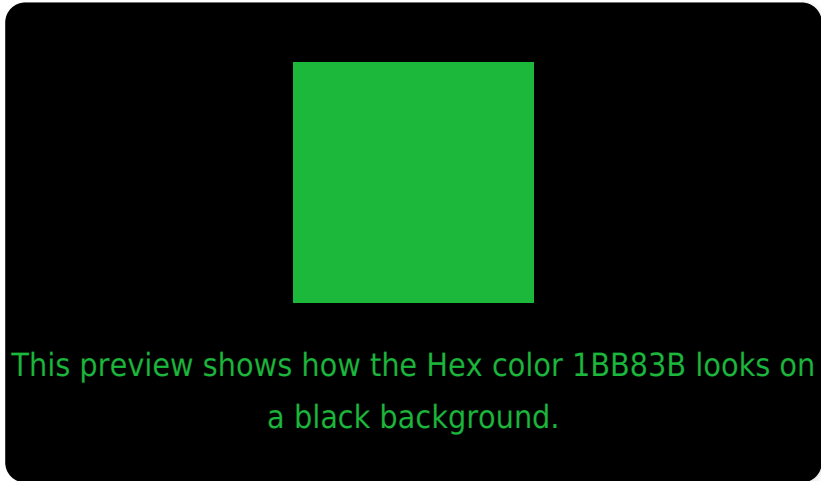
Large Text (above 18pt) WCAG AA × Fail

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 1BB83B Background



This preview shows how black text looks on a background with the Hex color 1BB83B.

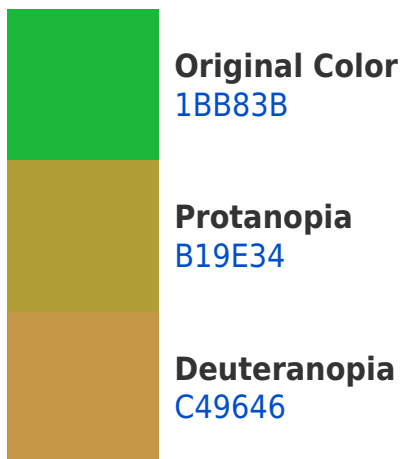


This preview shows how white text looks on a background with the Hex color 1BB83B.

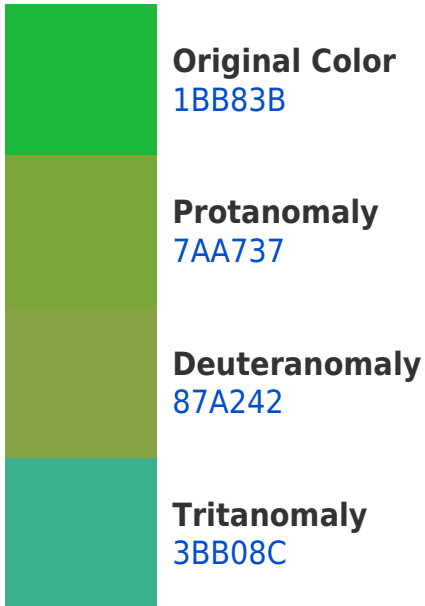
Color Blindness Simulation

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](#).

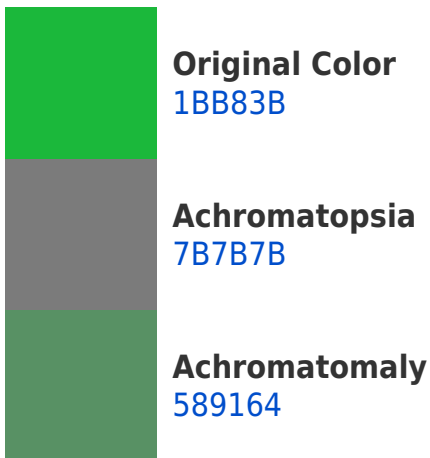
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB83B 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 #1BB83B looks like.

```
.text, #text, p{  
    color:#1BB83B  
}
```

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 #1BB83B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB83B
}
```

Border

The CSS property to change the border of an element to Hex 1BB83B 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
#1BB83B }
```

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

```
.border{ border-color:#1BB83B }
```

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

Here you see how a box with a 4 pixel #1BB83B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB83B; -webkit-box-shadow:4px 4px  
4px 4px #1BB83B; box-shadow:4px 4px 4px  
4px #1BB83B }
```

Background

The CSS property to change the background color of an element to Hex 1BB83B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB83B }
```

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

```
.background{ background-color:#1BB83B }
```

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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