

Converting Colors

Hex(1BB649)

Have a look what the booklet for
Hex(1BB649) contains.

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Color

Hex(1BB649)

Conversions

Conversions Part 1

Format	Color
Hex	1BB649
RGB	27, 182, 73
RGB Percent	11%, 71%, 29%
CMY	0.8941, 0.2863, 0.7137
CMYK	0.85, 0.00, 0.60, 0.29
HSL	138°, 74%, 41%
HSV	138°, 85%, 71%
XYZ	18.3825, 34.1699, 11.9299
YIQ	123.2290, -57.3910, -66.7590

Conversions

Conversions Part 2

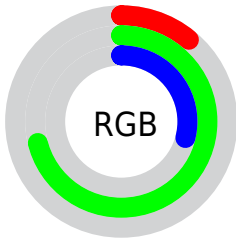
Format	Color
RYB	27, 147, 182
Decimal	1816137
CIELab	65.10, -60.41, 44.12
CIELCh	65, 74.803, 143.855
Yxy	34.1699, 0.2851, 0.5299
Android (android.graphics.Color)	4280006217 (0xFF1BB649)
YUV	123.2290, -24.7629, -84.3928
Hunter-Lab	58.4551, -46.1629, 28.8182

Details

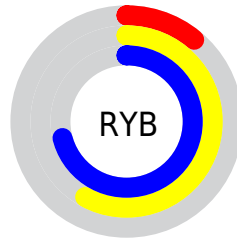
The Hex color **1BB649** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B61B88**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **67EF7D**, and **007F13** is the 20% darker color. If you saturate the color by 10%, you get **09B63C**, and if you desaturate by 10%, it is **2DB656**.

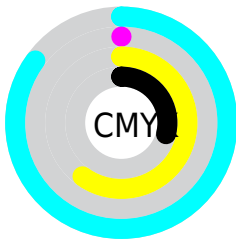
Distribution



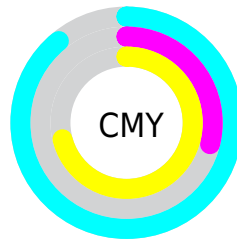
- Red (11%)
- Green (71%)
- Blue (29%)



- Red (11%)
- Yellow (58%)
- Blue (71%)



- Cyan (85%)
- Magenta (0%)
- Yellow (60%)
- Black (29%)



- Cyan (89%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BB649 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 1BB649 by changing the saturation by 10% instead.

 1BB649

 1BB649


FFFFFF

 009A2F

 67EF7D

 007F13

 86FF98

 006500

 A4FFB3

 004C00

 C2FFCF

 003500

 E0FFEC

 001A00

 000000

 1BB649

 1BB649

 09B63C

 2DB656

 00B636

 3FB663

 52B66F

 64B67C

 76B689

 88B696

 9AB6A3

 ADB6AF

 BFB6BC

Harmonies

Analogous

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



8AAA00



1BB649



00BC8E

Triad

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



1BB649



00A AFF



FF5D6C

Complementary

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



1BB649



B61B88

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.



FF58AF



1BB649



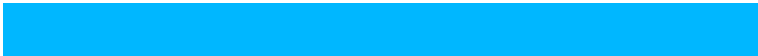
7F92FF

Square

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



1BB649



00B7FF



E172EE



F97A2F

Rectangle

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



1BB649



00BDBC



E172EE



FF5882

Sweetspot

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



1BB649



AFEDC2



8AB61B



53785E



F7F7F7



787878

Same Dimension

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



1BB649



00ED46



1BB694



535C55



009C2E



001C08

Inverse Universe

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



B61B88



ED00A7



B61B3D



5C5359



9C006D



1C0014

Previews

White Background



This preview shows how the Hex color 1BB649 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



This preview shows how the Hex color 1BB649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

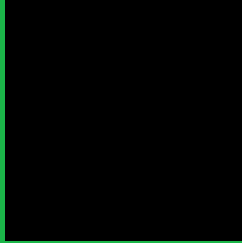
Any Text WCAG AA ✓ Pass

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 1BB649 Background



This preview shows how black text looks on a background with the Hex color 1BB649.

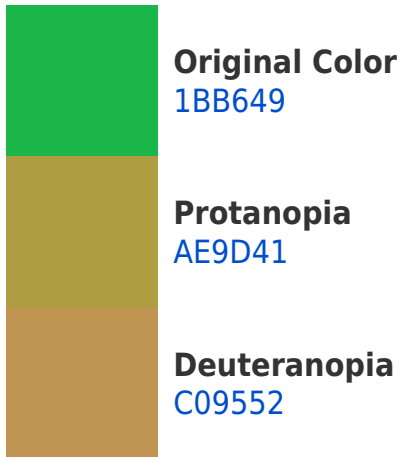


This preview shows how white text looks on a background with the Hex color 1BB649.

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
4CABB9

Trichromacy



Original Color
1BB649



Protanomaly
79A644



Deuteranomaly
84A14F



Tritanomaly
3AAF90

Monochromacy



Original Color
1BB649



Achromatopsia
7B7B7B



Achromatomaly
589069

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BB649 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 #1BB649 looks like.

```
.text, #text, p{  
    color:#1BB649  
}
```

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 #1BB649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BB649
}
```

Border

The CSS property to change the border of an element to Hex 1BB649 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
#1BB649 }
```

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

```
.border{ border-color:#1BB649 }
```

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

Here you see how a box with a 4 pixel #1BB649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BB649; -webkit-box-shadow:4px 4px  
4px 4px #1BB649; box-shadow:4px 4px 4px  
4px #1BB649 }
```

Background

The CSS property to change the background color of an element to Hex 1BB649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BB649 }
```

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

```
.background{ background-color:#1BB649 }
```

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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