

Converting Colors

Hex(1AB676)

Have a look what the booklet for
Hex(1AB676) contains.

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Color

Hex(1AB676)

Conversions

Conversions Part 1

Format	Color
Hex	1AB676
RGB	26, 182, 118
RGB Percent	10%, 71%, 46%
CMY	0.8980, 0.2863, 0.5373
CMYK	0.86, 0.00, 0.35, 0.29
HSL	155°, 75%, 41%
HSV	155°, 86%, 71%
XYZ	20.4240, 34.9835, 22.8156
YIQ	128.0600, -72.4320, -52.9760

Conversions

Conversions Part 2

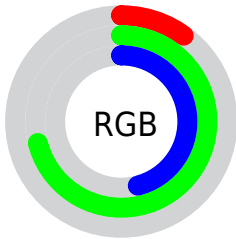
Format	Color
RYB	26, 124, 182
Decimal	1750646
CIELab	65.74, -52.83, 22.13
CIElCh	66, 57.276, 157.269
Yxy	34.9835, 0.2611, 0.4472
Android (android.graphics.Color)	4279940726 (0xFF1AB676)
YUV	128.0600, -4.9596, -89.5066
Hunter-Lab	59.1469, -41.8693, 18.5320

Details

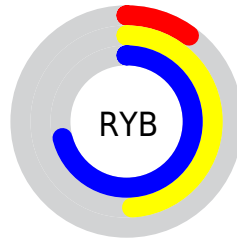
The Hex color **1AB676** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B61A5A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **66EFAB**, and **008045** is the 20% darker color. If you saturate the color by 10%, you get **08B66F**, and if you desaturate by 10%, it is **2CB67D**.

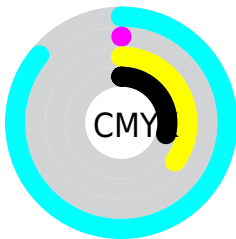
Distribution



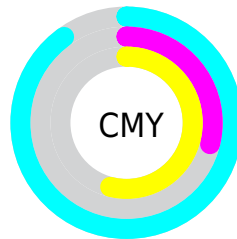
- Red (10%)
- Green (71%)
- Blue (46%)



- Red (10%)
- Yellow (49%)
- Blue (71%)



- Cyan (86%)
- Magenta (0%)
- Yellow (35%)
- Black (29%)



- Cyan (90%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AB676 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 1AB676 by changing the saturation by 10% instead.

 1AB676

 1AB676

FFFFFF

 009A5D

 66EFAB

 008045

 84FFC6

 00662E

 A2FFE2

 004C18

 C0FFFF

 003500

 DFFFFFF

 001C00

FDFFFF

 000000

 1AB676

 1AB676

 08B66F

 2CB67D

 00B66B

 3EB685

 51B68C

 63B694

 75B69B

 87B6A3

 99B6AA

 ACB6B2

 BEB6B9

Harmonies

Analogous

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



7AAE49



1AB676



00B9AB

Triad

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



1AB676



51A1FF



F77B64

Complementary

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



1AB676



B61A5A

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.



FE7195



1AB676



B38DF2

Square

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



1AB676



00B0FE



E879C8



DB8F3F

Rectangle

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



1AB676



00B8CD



E879C8



FC7674

Sweetspot

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



1AB676



AFEDD4



5BB61A



537869



F7F7F7



787878

Same Dimension

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



1AB676



00ED8C



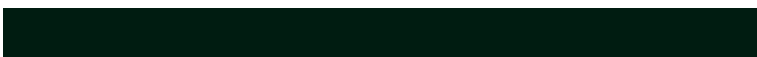
1AA9B6



535C58



009C5C



001C11

Inverse Universe

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



B61A5A



ED0061



B6271A



5C5356



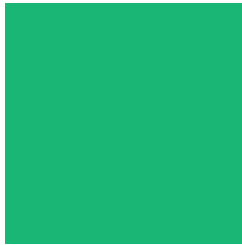
9C0040



1C000C

Previews

White Background



This preview shows how the Hex color 1AB676 looks on a white background.

Color Contrast Check

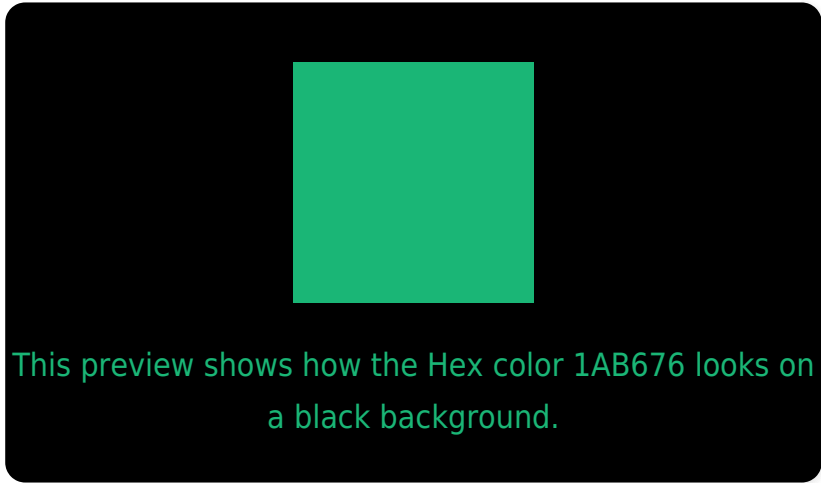
Large Text (above 18pt) WCAG AA × Fail

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

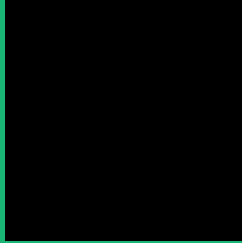
Any Text WCAG AA ✓ Pass

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 1AB676 Background



This preview shows how black text looks on a background with the Hex color 1AB676.

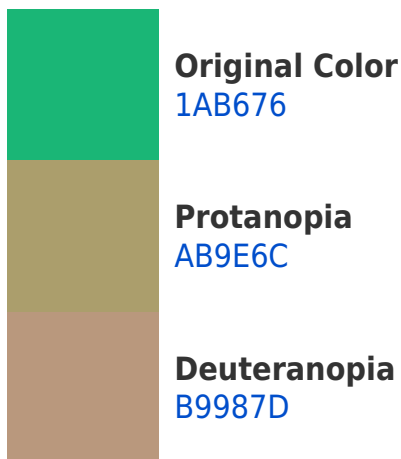


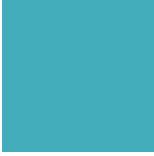
This preview shows how white text looks on a background with the Hex color 1AB676.

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
44ADBC

Trichromacy



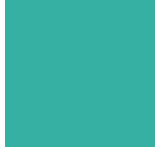
Original Color
1AB676



Protanomaly
76A770



Deuteranomaly
7FA37A



Tritanomaly
35B0A3

Monochromacy



Original Color
1AB676



Achromatopsia
808080



Achromatomaly
5B947C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AB676 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 #1AB676 looks like.

```
.text, #text, p{  
    color:#1AB676  
}
```

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 #1AB676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB676  
}
```

Border

The CSS property to change the border of an element to Hex 1AB676 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  
#1AB676 }
```

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

```
.border{ border-color:#1AB676 }
```

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

Here you see how a box with a 4 pixel #1AB676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB676; -webkit-box-shadow:4px 4px  
4px 4px #1AB676; box-shadow:4px 4px 4px  
4px #1AB676 }
```

Background

The CSS property to change the background color of an element to Hex 1AB676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB676 }
```

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

```
.background{ background-color:#1AB676 }
```

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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