

# Converting Colors

Hex(1AB155)

Have a look what the booklet for  
Hex(1AB155) contains.

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# Color

Hex(1AB155)

# Conversions

## Conversions Part 1

Format	Color
Hex	1AB155
RGB	26, 177, 85
RGB Percent	10%, 69%, 33%
CMY	0.8980, 0.3059, 0.6667
CMYK	0.85, 0.00, 0.52, 0.31
HSL	143°, 74%, 40%
HSV	143°, 85%, 69%
XYZ	17.7878, 32.3198, 13.8952
YIQ	121.3630, -60.4640, -60.6240

# Conversions

## Conversions Part 2

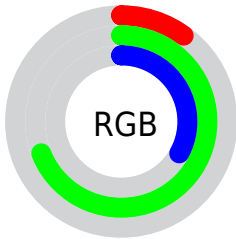
Format	Color
<a href="#">RYB</a>	<a href="#">26, 135, 177</a>
Decimal	<a href="#">1749333</a>
CIELab	<a href="#">63.61, -57.13, 36.56</a>
CIELCh	<a href="#">64, 67.828, 147.384</a>
Yxy	<a href="#">32.3198, 0.2779, 0.5050</a>
Android (android.graphics.Color)	<a href="#">4279939413 (0xFF1AB155)</a>
YUV	<a href="#">121.3630, -17.9270, -83.6334</a>
Hunter-Lab	<a href="#">56.8505, -43.6378, 25.3039</a>

# Details

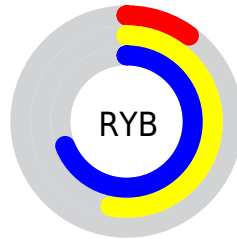
The Hex color **1AB155** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B11A76**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **65EA88**, and **007B24** is the 20% darker color. If you saturate the color by 10%, you get **08B14A**, and if you desaturate by 10%, it is **2CB160**.

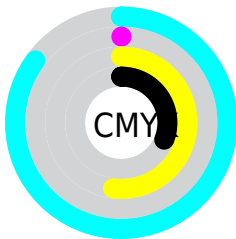
# Distribution



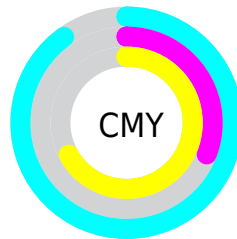
- Red (10%)
- Green (69%)
- Blue (33%)



- Red (10%)
- Yellow (53%)
- Blue (69%)



- Cyan (85%)
- Magenta (0%)
- Yellow (52%)
- Black (31%)



- Cyan (90%)
- Magenta (31%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AB155 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 1AB155 by changing the saturation by 10% instead.



 1AB155

 1AB155

FFFFFF

 00963C

 65EA88

 007B24

 83FFA3

 006108

 A1FFBF

 004800

 BFFFDB

 003100

 DDFFF8

 001500

 FBFFFF

 000000

 1AB155

 1AB155

 08B14A

 2CB160

00B145

3DB16B

4FB175

61B180

72B18B

84B196

96B1A0

A8B1AB

B9B1B6

# Harmonies

## Analogous

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



81A71E



1AB155



00B693

# Triad

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



1AB155



00A3FF



FF6566

# Complementary

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



1AB155



B11A76

# 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.



FF5EA2



1AB155



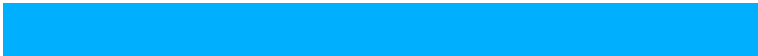
8F8CFF

# Square

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



1AB155



00B0FF



DE70DC



E97D31

# Rectangle

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



1AB155



00B6BC



DE70DC



FF5F7A



# Sweetspot

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



1AB155



AAE6C1



77B11A



4F735D



F2F2F2



737373



# Same Dimension

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



1AB155



00E65A



1AB19F



505954



00993C



001A0A



# Inverse Universe

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



B11A76



E6008C



B11A2C



595056



99005D



1A0010



# Previews

## White Background



This preview shows how the Hex color 1AB155 looks on a white background.

## Color Contrast Check

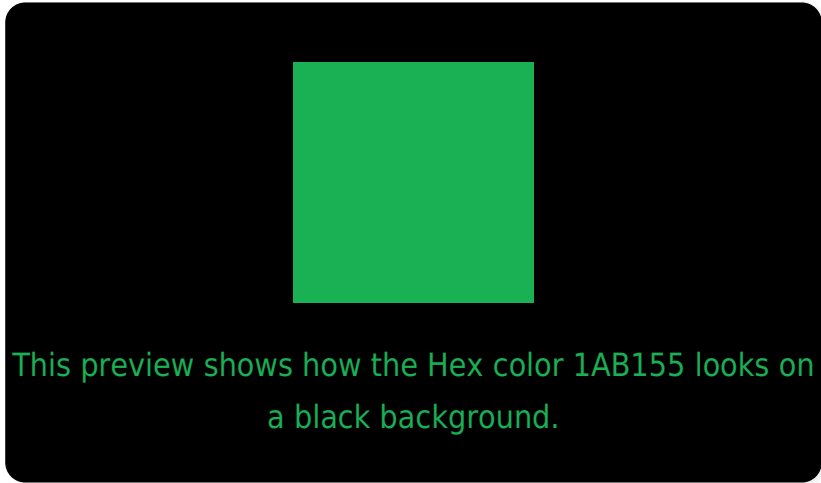
Large Text (above 18pt) WCAG AA × Fail

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 1AB155 Background



This preview shows how black text looks on a background with the Hex color 1AB155.

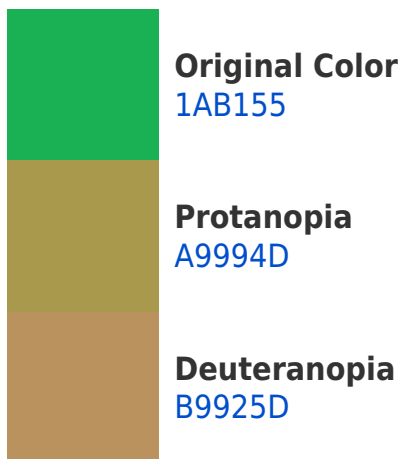


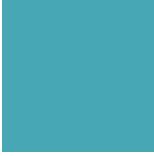
This preview shows how white text looks on a background with the Hex color 1AB155.

# 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**  
48A7B4

# Trichromacy



**Original Color**  
1AB155



**Protanomaly**  
75A250



**Deuteranomaly**  
7F9D5A



**Tritanomaly**  
37AB91

# Monochromacy



**Original Color**  
1AB155



**Achromatopsia**  
797979



**Achromatomaly**  
568D6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AB155 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 #1AB155 looks like.

```
.text, #text, p{  
    color:#1AB155  
}
```

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 #1AB155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB155
}
```

## Border

The CSS property to change the border of an element to Hex 1AB155 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
#1AB155 }
```

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

```
.border{ border-color:#1AB155 }
```

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

Here you see how a box with a 4 pixel #1AB155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB155; -webkit-box-shadow:4px 4px  
4px 4px #1AB155; box-shadow:4px 4px 4px  
4px #1AB155 }
```

# Background

The CSS property to change the background color of an element to Hex 1AB155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB155 }
```

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

```
.background{ background-color:#1AB155 }
```

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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