

# Converting Colors

Hex(1AB602)

Have a look what the booklet for  
Hex(1AB602) contains.

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**Color**

**Hex(1AB602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AB602
RGB	26, 182, 2
RGB Percent	10%, 71%, 1%
CMY	0.8980, 0.2863, 0.9922
CMYK	0.86, 0.00, 0.99, 0.29
HSL	112°, 98%, 36%
HSV	112°, 99%, 71%
XYZ	17.1649, 33.6799, 5.6536
YIQ	114.8360, -35.1960, -89.0520

# Conversions

## Conversions Part 2

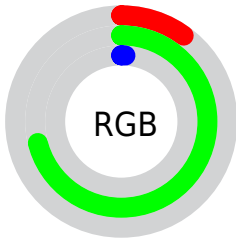
Format	Color
<a href="#">RYB</a>	<a href="#">2, 182, 158</a>
Decimal	<a href="#">1750530</a>
CIELab	<a href="#">64.71, -65.26, 64.54</a>
CIELCh	<a href="#">65, 91.780, 135.318</a>
Yxy	<a href="#">33.6799, 0.3038, 0.5961</a>
Android (android.graphics.Color)	<a href="#">4279940610 (0xFF1AB602)</a>
YUV	<a href="#">114.8360, -55.6281, -77.9092</a>
Hunter-Lab	<a href="#">58.0344, -48.7650, 34.8481</a>

# Details

The Hex color **1AB602** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9E02B6**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **69EF4D**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **18B600**, and if you desaturate by 10%, it is **2AB614**.

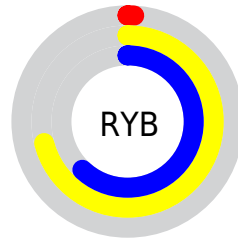
# Distribution



Red (10%)

Green (71%)

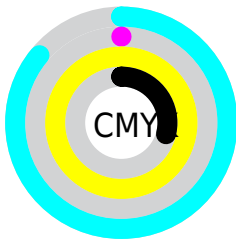
Blue (1%)



Red (1%)

Yellow (71%)

Blue (62%)

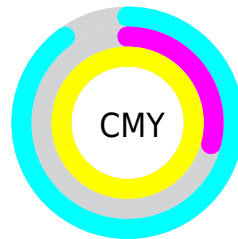


Cyan (86%)

Magenta (0%)

Yellow (99%)

Black (29%)



Cyan (90%)

Magenta (29%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1AB602 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 1AB602 by changing the saturation by 10% instead.



 1AB602

 1AB602

FFFFFF

 009A00

 69EF4D

 007F00

 89FF69

 006500

 A7FF85

 004B00

 C6FFA2

 003400

 E5FFBE

 001900

 FFFFDB

 000000

 FFFFF9

 1AB602

 1AB602

 18B600

 2AB614

 3AB626

 49B639

 59B64B

 69B65D

 79B66F

 88B681

 98B694

 A8B6A6

# Harmonies

## Analogous

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



97A600



1AB602



00BE70

# Triad

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



1AB602



00B2FF



FF2F77

# Complementary

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



1AB602



9E02B6

# 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.



FF3AC9



1AB602



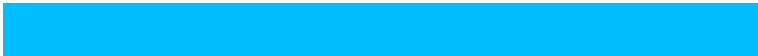
0099FF

# Square

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



1AB602



00BEFF



D26FFF



FF6026

# Rectangle

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



1AB602



00C0AA



D26FFF



FF2792



# Sweetspot

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



1AB602



AFEDA6



B69E02



52784D



F7F7F7



787878



# Same Dimension

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



1AB602



20ED00



02B644



545C53



159C00



041C00



# Inverse Universe

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



9E02B6



CE00ED



B60274



5B535C



87009C

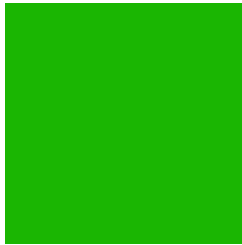


18001C



# Previews

## White Background



This preview shows how the Hex color 1AB602 looks on a white background.

## Color Contrast Check

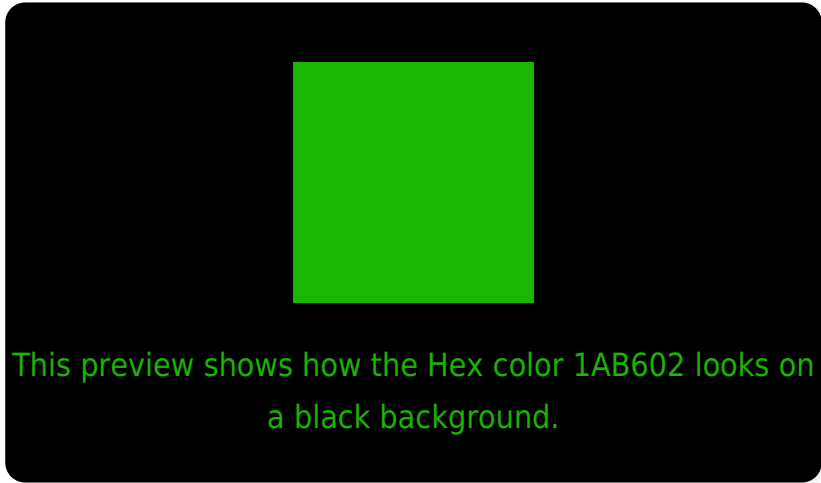
Large Text (above 18pt) WCAG AA × Fail

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

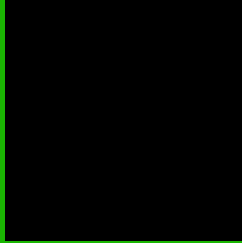
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1AB602 Background



This preview shows how black text looks on a background with the Hex color 1AB602.

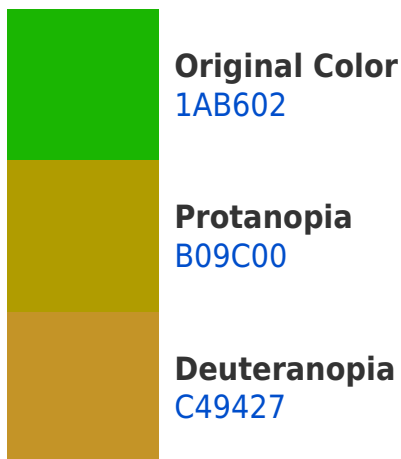


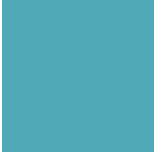
This preview shows how white text looks on a background with the Hex color 1AB602.

# 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](#).

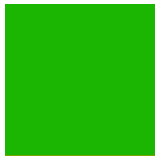
## Dichromacy





**Tritanopia**  
50A9B7

# Trichromacy



**Original Color**  
1AB602



**Protanomaly**  
79A501



**Deuteranomaly**  
86A01A



**Tritanomaly**  
3CAE75

# Monochromacy



**Original Color**  
1AB602



**Achromatopsia**  
737373



**Achromatomaly**  
538B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1AB602 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 #1AB602 looks like.

```
.text, #text, p{  
    color:#1AB602  
}
```

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 #1AB602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB602
}
```

## Border

The CSS property to change the border of an element to Hex 1AB602 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".

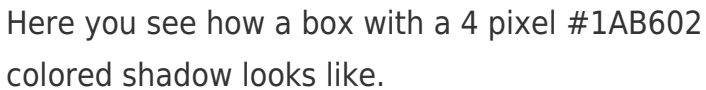
```
.border, #border, table{ border:4px solid
#1AB602 }
```

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

```
.border{ border-color:#1AB602 }
```

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

Here you see how a box with a 4 pixel #1AB602 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB602; -webkit-box-shadow:4px 4px  
4px 4px #1AB602; box-shadow:4px 4px 4px  
4px #1AB602 }
```

# Background

The CSS property to change the background color of an element to Hex 1AB602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB602 }
```

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

```
.background{ background-color:#1AB602 }
```

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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