

Converting Colors

Hex(1AB913)

Have a look what the booklet for
Hex(1AB913) contains.

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Color

Hex(1AB913)

Conversions

Conversions Part 1

Format	Color
Hex	1AB913
RGB	26, 185, 19
RGB Percent	10%, 73%, 7%
CMY	0.8980, 0.2745, 0.9255
CMYK	0.86, 0.00, 0.90, 0.27
HSL	117°, 81%, 40%
HSV	117°, 90%, 73%
XYZ	17.8925, 34.9646, 6.4219
YIQ	118.5350, -41.4780, -85.3340

Conversions

Conversions Part 2

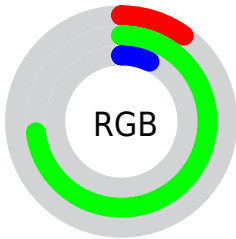
Format	Color
RYB	19, 185, 178
Decimal	1751315
CIELab	65.72, -65.69, 63.05
CIELCh	66, 91.048, 136.175
Yxy	34.9646, 0.3018, 0.5898
Android (android.graphics.Color)	4279941395 (0xFF1AB913)
YUV	118.5350, -49.0708, -81.1532
Hunter-Lab	59.1308, -49.4663, 34.9524

Details

The Hex color **1AB913** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B213B9**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6AF254**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **08B900**, and if you desaturate by 10%, it is **2CB925**.

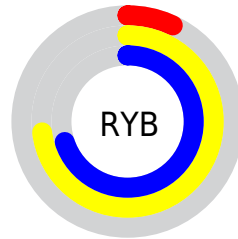
Distribution



Red (10%)

Green (73%)

Blue (7%)



Red (7%)

Yellow (73%)

Blue (70%)

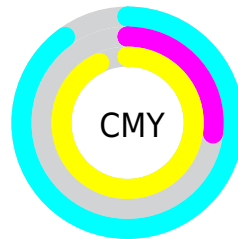


Cyan (86%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (90%)

Magenta (27%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AB913 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 1AB913 by changing the saturation by 10% instead.

 1AB913


 1AB913

FFFFFF

 009D00

 6AF254

 008200

 89FF70

 006800

 A8FF8C

 004E00

 C7FFA8

 003700

 E5FFC4

 001C00

 FFFFE1

 000000

 1AB913

 1AB913

 08B900

 2CB925

 3DB938

 4FB94A

 61B95D

 73B96F

 84B982

 96B994

 A8B9A7

 B9B9BA

Harmonies

Analogous

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



98AA00



1AB913



00C076

Triad

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



1AB913



00B4FF



FF3778

Complementary

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



1AB913



B213B9

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.



FF3FC9



1AB913



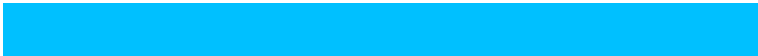
009BFF

Square

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



1AB913



00C0FF



D871FF



FF6527

Rectangle

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



1AB913



00C3AF



D871FF



FF3093

Sweetspot

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



1AB913



B2F0AF



B9B113



537851



F7F7F7



787878

Same Dimension

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



1AB913



0AF000



13B95E



535C53



079C00



011C00

Inverse Universe

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



B213B9



E600F0



B9136E



5B535C



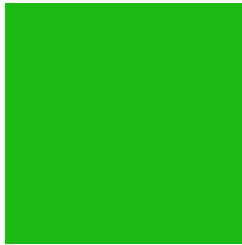
95009C



1B001C

Previews

White Background



This preview shows how the Hex color 1AB913 looks on a white background.

Color Contrast Check

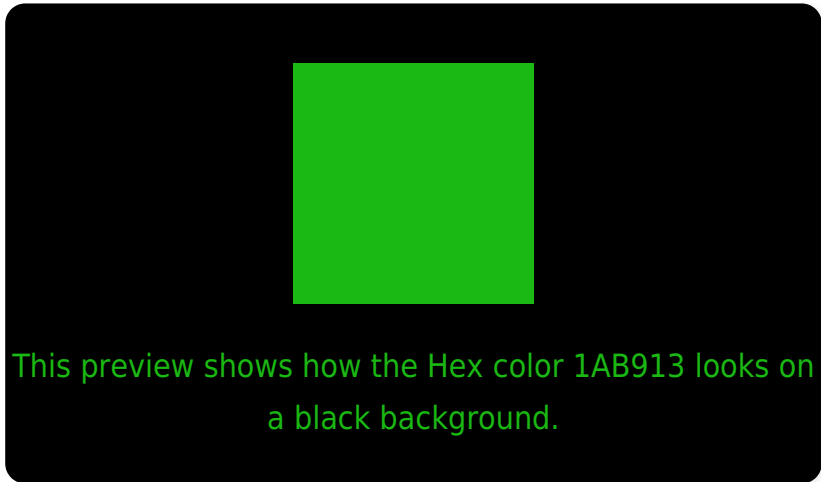
Large Text (above 18pt) WCAG AA × Fail

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 1AB913 Background



This preview shows how black text looks on a background with the Hex color 1AB913.

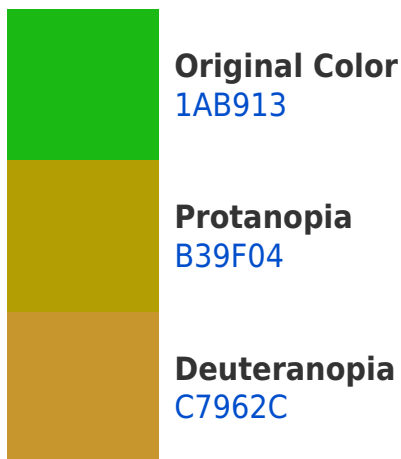


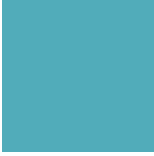
This preview shows how white text looks on a background with the Hex color 1AB913.

Color Blindness Simulation

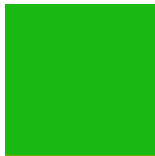
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



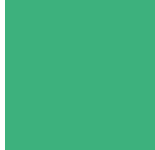
Original Color
1AB913



Protanomaly
7BA809



Deuteranomaly
88A323



Tritanomaly
3DB17D

Monochromacy



Original Color
1AB913



Achromatopsia
777777



Achromatomaly
558F53

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AB913 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 #1AB913 looks like.

```
.text, #text, p{  
    color:#1AB913  
}
```

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 #1AB913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AB913
}
```

Border

The CSS property to change the border of an element to Hex 1AB913 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".

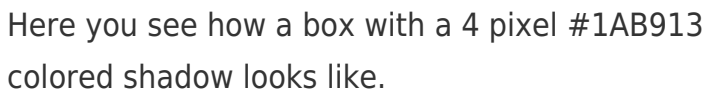
```
.border, #border, table{ border:4px solid
#1AB913 }
```

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

```
.border{ border-color:#1AB913 }
```

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

Here you see how a box with a 4 pixel #1AB913 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AB913; -webkit-box-shadow:4px 4px  
4px 4px #1AB913; box-shadow:4px 4px 4px  
4px #1AB913 }
```

Background

The CSS property to change the background color of an element to Hex 1AB913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AB913 }
```

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

```
.background{ background-color:#1AB913 }
```

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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