

Converting Colors

Hex(1BA300)

Have a look what the booklet for
Hex(1BA300) contains.

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Color

Hex(1BA300)

Conversions

Conversions Part 1

Format	Color
Hex	1BA300
RGB	27, 163, 0
RGB Percent	11%, 64%, 0%
CMY	0.8941, 0.3608, 1.0000
CMYK	0.83, 0.00, 1.00, 0.36
HSL	110°, 100%, 32%
HSV	110°, 100%, 64%
XYZ	13.5492, 26.4274, 4.3869
YIQ	103.7540, -28.7330, -79.5250

Conversions

Conversions Part 2

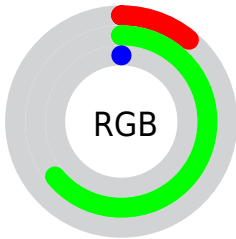
Format	Color
RYB	0, 163, 136
Decimal	1811200
CIELab	58.44, -59.67, 59.78
CIELCh	58, 84.466, 134.947
Yxy	26.4274, 0.3054, 0.5957
Android (android.graphics.Color)	4280001280 (0xFF1BA300)
YUV	103.7540, -51.1507, -67.3133
Hunter-Lab	51.4076, -42.9171, 30.9258

Details

The Hex color **1BA300** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **8800A3**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **65DB48**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **1BA300**, and if you desaturate by 10%, it is **29A310**.

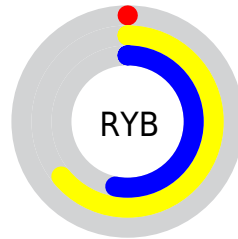
Distribution



Red (11%)

Green (64%)

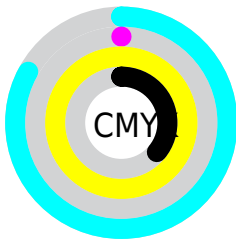
Blue (0%)



Red (0%)

Yellow (64%)

Blue (53%)

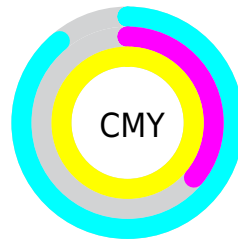


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (89%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BA300 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 1BA300 by changing the saturation by 10% instead.

 1BA300

 1BA300

FFFFFF

 008800

 65DB48

 006E00

 83F864

 005400

 A1FF7F

 003B00

 BFFF9B

 002400

 DDFFB7

 000000

 FBFFD4

 FFFFF1

 1BA300

 29A310

 36A321

 44A331

 51A341

 5FA352

 6DA362

 7AA372

 88A382

 95A393

Harmonies

Analogous

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



889500



1BA300



00AA63

Triad

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



1BA300



00A0FF



FF296B

Complementary

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



1BA300



8800A3

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.



FC34B5



1BA300



0089FF

Square

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



1BA300



00AAF5



BB64F7



F75522

Rectangle

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



1BA300



00AC97



BB64F7



FF2284

Sweetspot

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



1BA300



9FD494



A38800



4B6B45



EBEBEB



6B6B6B

Same Dimension

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



1BA300



23D400



00A336



4B5249



189100



031200

Inverse Universe

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



8800A3



B100D4



A3006D



504952



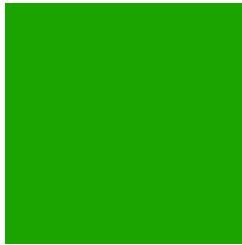
790091



0F0012

Previews

White Background



This preview shows how the Hex color 1BA300 looks on a white background.

Color Contrast Check

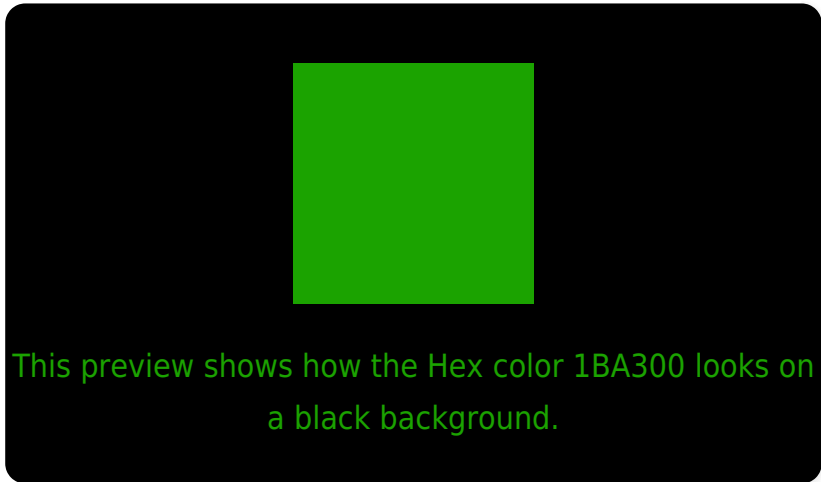
Large Text (above 18pt) WCAG AA ✓ Pass

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

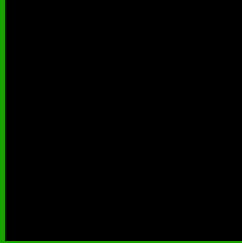
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1BA300 Background



This preview shows how black text looks on a background with the Hex color 1BA300.



This preview shows how white text looks on a background with the Hex color 1BA300.

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



Original Color
1BA300

Deuteranopia
AF8423

Tritanopia
4898A4

Trichromacy



Original Color
1BA300



Deuteranomaly
798F16



Tritanomaly
389C68

Monochromacy



Original Color
1BA300



Achromatopsia
686868



Achromatomaly
4C7D42

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BA300 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 #1BA300 looks like.

```
.text, #text, p{  
    color:#1BA300  
}
```

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 #1BA300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BA300
}
```

Border

The CSS property to change the border of an element to Hex 1BA300 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".

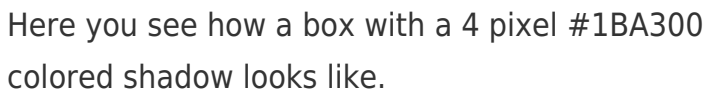
```
.border, #border, table{ border:4px solid
#1BA300 }
```

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

```
.border{ border-color:#1BA300 }
```

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

Here you see how a box with a 4 pixel #1BA300 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 #1BA300; -webkit-box-shadow:4px 4px  
4px 4px #1BA300; box-shadow:4px 4px 4px  
4px #1BA300 }
```

Background

The CSS property to change the background color of an element to Hex 1BA300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BA300 }
```

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

```
.background{ background-color:#1BA300 }
```

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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