

Converting Colors

Hex(1CA30C)

Have a look what the booklet for
Hex(1CA30C) contains.

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Color

Hex(1CA30C)

Conversions

Conversions Part 1

Format	Color
Hex	1CA30C
RGB	28, 163, 12
RGB Percent	11%, 64%, 5%
CMY	0.8902, 0.3608, 0.9529
CMYK	0.83, 0.00, 0.93, 0.36
HSL	114°, 86%, 34%
HSV	114°, 93%, 64%
XYZ	13.6424, 26.4678, 4.7376
YIQ	105.4210, -31.9890, -75.5810

Conversions

Conversions Part 2

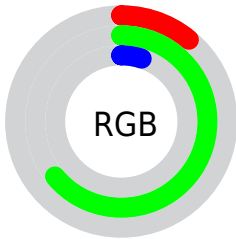
Format	Color
RYB	12, 163, 147
Decimal	1876748
CIELab	58.48, -59.24, 58.07
CIELCh	58, 82.950, 135.572
Yxy	26.4678, 0.3042, 0.5902
Android (android.graphics.Color)	4280066828 (0xFF1CA30C)
YUV	105.4210, -46.0566, -67.8982
Hunter-Lab	51.4469, -42.6982, 30.5530

Details

The Hex color **1CA30C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **930CA3**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65DB4D**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **11A300**, and if you desaturate by 10%, it is **2BA31C**.

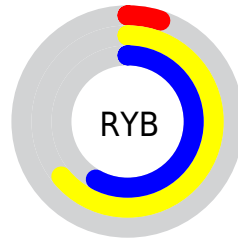
Distribution



Red (11%)

Green (64%)

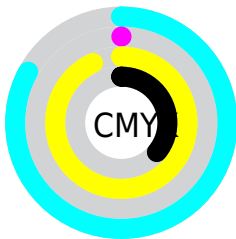
Blue (5%)



Red (5%)

Yellow (64%)

Blue (58%)

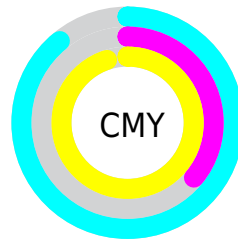


Cyan (83%)

Magenta (0%)

Yellow (93%)

Black (36%)



Cyan (89%)

Magenta (36%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA30C 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 1CA30C by changing the saturation by 10% instead.



1CA30C



1CA30C

FFFFFF



008800



65DB4D



006E00



83F868



005400



A1FF83



003B00



BFFF9F



002400



DdffBB



000000



FbFFD8



FFFFF5



1CA30C



1CA30C

■ 11A300

■ 2BA31C

■ 39A32D

■ 48A33D

■ 56A34D

■ 65A35E

■ 73A36E

■ 82A37E

■ 91A38E

■ 9FA39F

Harmonies

Analogous

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



879500



1CA30C



00AA66

Triad

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



1CA30C



009FFF



FF2F6A

Complementary

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



1CA30C



930CA3

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.



FB37B3



1CA30C



0089FF

Square

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



1CA30C



00AAF4



BD64F4



F55823

Rectangle

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



1CA30C



00AC99



BD64F4



FF2982

Sweetspot

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



1CA30C



9FD498



A3910C



4B6B47



EBEBEB



6B6B6B

Same Dimension

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



1CA30C



16D400



0CA346



4A5249



0F9100



021200

Inverse Universe

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



930CA3



BD00D4



A30C69



514952



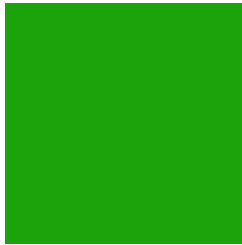
820091



100012

Previews

White Background



This preview shows how the Hex color 1CA30C looks on a white background.

Color Contrast Check

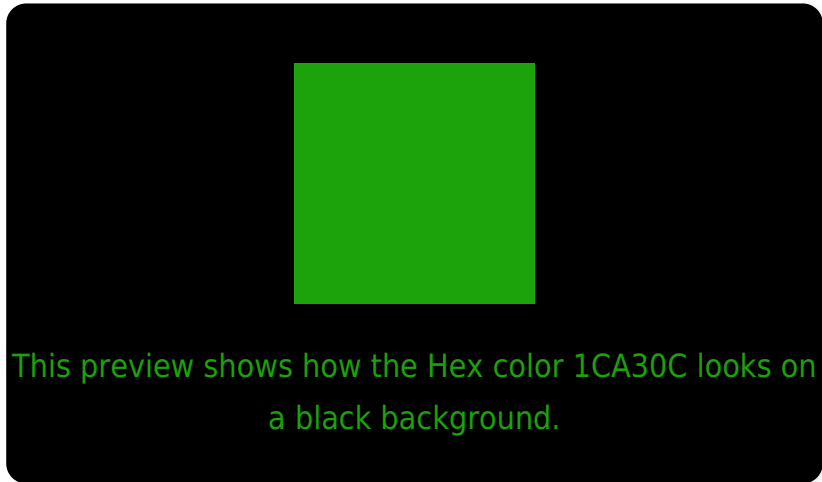
Large Text (above 18pt) WCAG AA ✓ Pass

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 1CA30C Background



This preview shows how black text looks on a background with the Hex color 1CA30C.

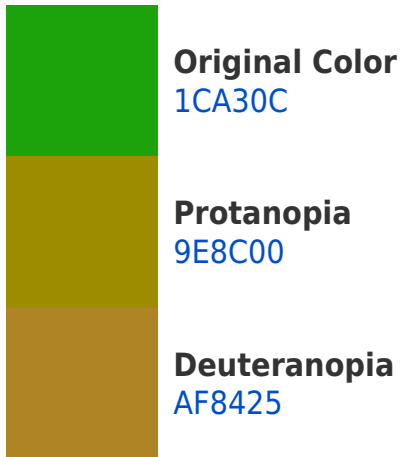


This preview shows how white text looks on a background with the Hex color 1CA30C.

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
4998A4

Trichromacy



Original Color
1CA30C



Protanomaly
6F9404



Deuteranomaly
7A8F1C



Tritanomaly
399C6D

Monochromacy



Original Color
1CA30C



Achromatopsia
696969



Achromatomaly
4D7E47

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA30C 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 #1CA30C looks like.

```
.text, #text, p{  
    color:#1CA30C  
}
```

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 #1CA30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA30C
}
```

Border

The CSS property to change the border of an element to Hex 1CA30C 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".

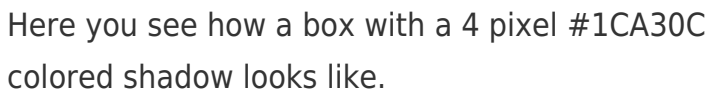
```
.border, #border, table{ border:4px solid
#1CA30C }
```

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

```
.border{ border-color:#1CA30C }
```

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

Here you see how a box with a 4 pixel #1CA30C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA30C; -webkit-box-shadow:4px 4px  
4px 4px #1CA30C; box-shadow:4px 4px 4px  
4px #1CA30C }
```

Background

The CSS property to change the background color of an element to Hex 1CA30C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA30C }
```

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

```
.background{ background-color:#1CA30C }
```

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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