

# Converting Colors

Hex(1CAE34)

Have a look what the booklet for  
Hex(1CAE34) contains.

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**Color**

**Hex(1CAE34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CAE34
RGB	28, 174, 52
RGB Percent	11%, 68%, 20%
CMY	0.8902, 0.3176, 0.7961
CMYK	0.84, 0.00, 0.70, 0.32
HSL	130°, 72%, 40%
HSV	130°, 84%, 68%
XYZ	16.2348, 30.7669, 8.3318
YIQ	116.4380, -47.8540, -68.8940

# Conversions

## Conversions Part 2

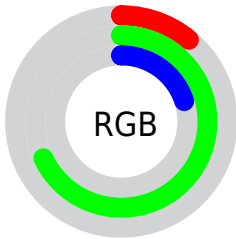
Format	Color
<a href="#">RYB</a>	<a href="#">28, 153, 174</a>
Decimal	<a href="#">1879604</a>
CIELab	<a href="#">62.31, -60.12, 50.11</a>
CIELCh	<a href="#">62, 78.267, 140.191</a>
Yxy	<a href="#">30.7669, 0.2934, 0.5560</a>
Android (android.graphics.Color)	<a href="#">4280069684</a> ( <a href="#">0xFF1CAE34</a> )
YUV	<a href="#">116.4380, -31.7679, -77.5601</a>
Hunter-Lab	<a href="#">55.4679, -44.8241, 29.9217</a>

# Details

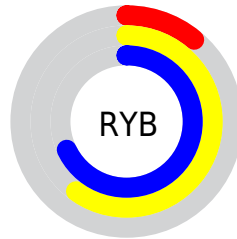
The Hex color **1CAE34** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AE1C96**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **66E769**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **0BAE25**, and if you desaturate by 10%, it is **2DAE43**.

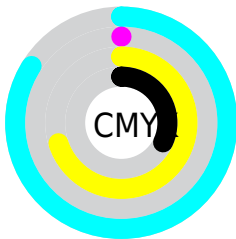
# Distribution



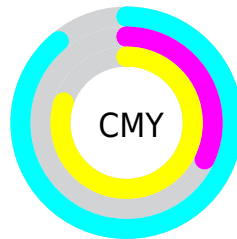
- Red (11%)
- Green (68%)
- Blue (20%)



- Red (11%)
- Yellow (60%)
- Blue (68%)



- Cyan (84%)
- Magenta (0%)
- Yellow (70%)
- Black (32%)



- Cyan (89%)
- Magenta (32%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CAE34 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 1CAE34 by changing the saturation by 10% instead.



 1CAE34

 1CAE34

FFFFFF

 009317

 66E769

 007800

 85FF84

 005E00


 A3FF9F

 004500

 C1FFBB

 002E00

 DFFFFD7

 000F00

 FDFFF4

 000000

 1CAE34

 1CAE34

 0BAE25

 2DAE43

■ 00AE1D

■ 3FAE51

■ 50AE60

■ 62AE6E

■ 73AE7D

■ 84AE8B

■ 96AE9A

■ A7AEA8

■ B9AEB7

# Harmonies

## Analogous

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



89A100



1CAE34



00B47D

# Triad

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



1CAE34



00A6FF



FF4C6B

# Complementary

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



1CAE34



AE1C96

# 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.



FF4BB1



1CAE34



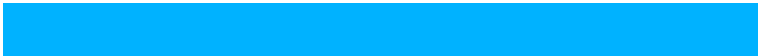
5C8EFF

# Square

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



1CAE34



00B2FF



D26CF1



F76C29

# Rectangle

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



1CAE34



00B6AD



D26CF1



FF4782



# Sweetspot

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



1CAE34



AAE3B4



98AE1C



507356



F2F2F2



737373



# Same Dimension

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



1CAE34



00E325



1CAE7B



4E574F



009619



001704



# Inverse Universe

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



AE1C96



E300BE



AE1C4F



574E55



96007E



170013



# Previews

## White Background



This preview shows how the Hex color 1CAE34 looks on a white background.

## Color Contrast Check

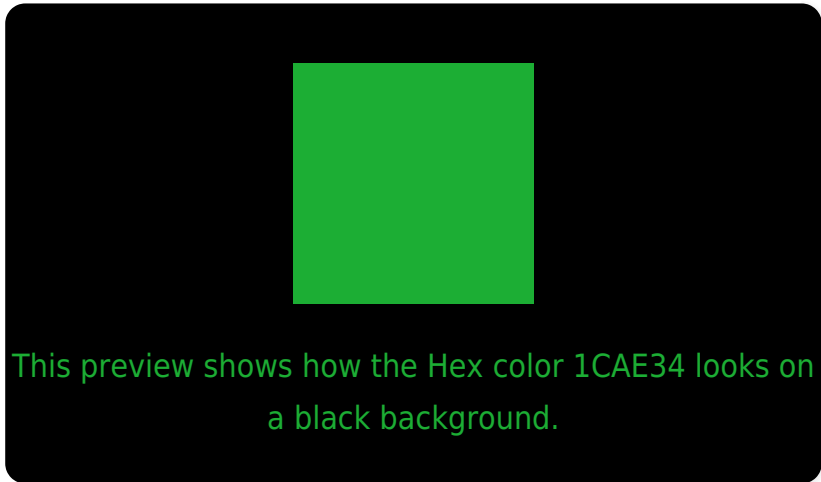
Large Text (above 18pt) WCAG AA × Fail

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 1CAE34 Background



This preview shows how black text looks on a background with the Hex color 1CAE34.

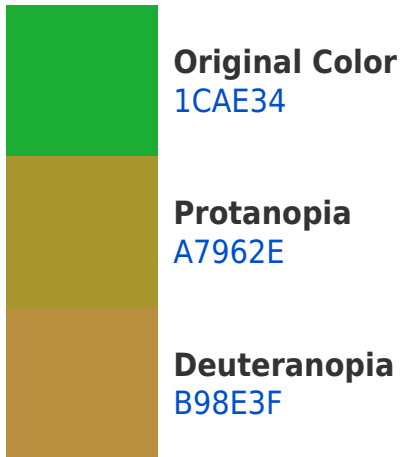


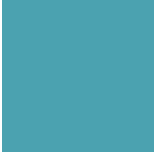
This preview shows how white text looks on a background with the Hex color 1CAE34.

# 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](#).

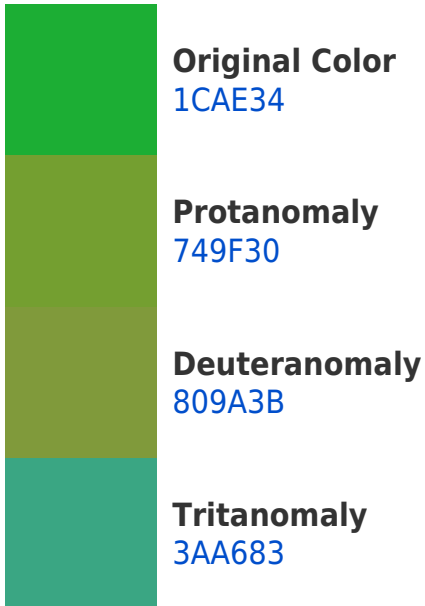
## Dichromacy



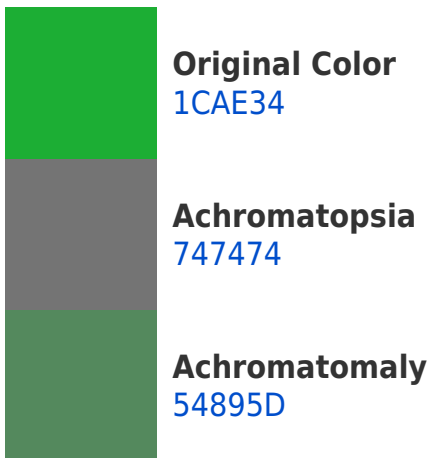


**Tritanopia**  
4BA2B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CAE34 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 #1CAE34 looks like.

```
.text, #text, p{  
    color:#1CAE34  
}
```

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 #1CAE34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CAE34
}
```

## Border

The CSS property to change the border of an element to Hex 1CAE34 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
#1CAE34 }
```

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

```
.border{ border-color:#1CAE34 }
```

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

Here you see how a box with a 4 pixel #1CAE34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CAE34; -webkit-box-shadow:4px 4px  
4px 4px #1CAE34; box-shadow:4px 4px 4px  
4px #1CAE34 }
```

# Background

The CSS property to change the background color of an element to Hex 1CAE34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CAE34 }
```

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

```
.background{ background-color:#1CAE34 }
```

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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