

# Converting Colors

Hex(1CE370)

Have a look what the booklet for  
Hex(1CE370) contains.

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# **Color**

**Hex(1CE370)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CE370
RGB	28, 227, 112
RGB Percent	11%, 89%, 44%
CMY	0.8902, 0.1098, 0.5608
CMYK	0.88, 0.00, 0.51, 0.11
HSL	145°, 78%, 50%
HSV	145°, 88%, 89%
XYZ	30.8726, 56.3549, 24.5797
YIQ	154.3890, -81.6890, -77.9530

# Conversions

## Conversions Part 2

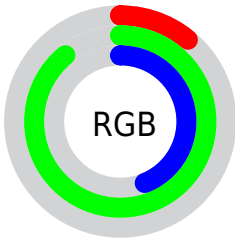
Format	Color
<a href="#">RYB</a>	<a href="#">28, 168, 227</a>
Decimal	<a href="#">1893232</a>
CIELab	<a href="#">79.82, -69.30, 43.42</a>
CIELCh	<a href="#">80, 81.776, 147.929</a>
Yxy	<a href="#">56.3549, 0.2761, 0.5040</a>
Android (android.graphics.Color)	<a href="#">4280083312 (0xFF1CE370)</a>
YUV	<a href="#">154.3890, -20.8978, -110.8432</a>
Hunter-Lab	<a href="#">75.0699, -57.9639, 33.1360</a>

# Details

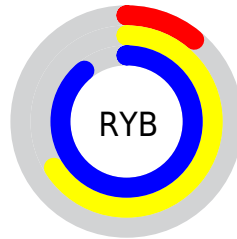
The Hex color **1CE370** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **E31C8F**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FFA6**, and **00AA3D** is the 20% darker color. If you saturate the color by 10%, you get **05E363**, and if you desaturate by 10%, it is **33E37D**.

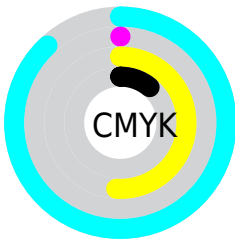
# Distribution



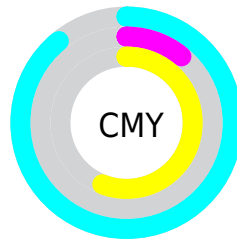
- Red (11%)
- Green (89%)
- Blue (44%)



- Red (11%)
- Yellow (66%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (51%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CE370 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 1CE370 by changing the saturation by 10% instead.



 1CE370

 1CE370

FFFFFF

 00C656

 72FFA6

 00AA3D

 93FFC1

 008E22

 B3FFDE

 007302

 D2FFFB

 005900

 F1FFFF

 004000

 002700

 000000

 1CE370

 1CE370

 05E363

 33E37D

 00E360

 49E38A

 60E397

 77E3A4

 8EE3B2

 A4E3BF

 BBE3CC

 D2E3D9

 E8E3E6

# Harmonies

## Analogous

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



A5D62A



1CE370



00E9BE

# Triad

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



1CE370



00D1FF



FF8383

# Complementary

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



1CE370



E31C8F

# 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.



FF79CE



1CE370



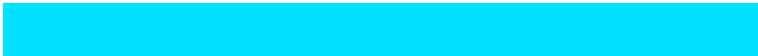
BAB4FF

# Square

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



1CE370



00E2FF



FF91FF



FFA241

# Rectangle

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



1CE370



00E9F3



FF91FF



FF7C9B

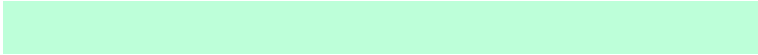


# Sweetspot

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



1CE370



BDFFD9



90E31C



588069



000000



808080



# Same Dimension

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



1CE370



00FF6C



1CE3D2



67736C



00B34B



003316



# Inverse Universe

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



E31C8F



FF0093



E31C2D



73676E



B30067



33001D



# Previews

## White Background



This preview shows how the Hex color 1CE370 looks on a white background.

## Color Contrast Check

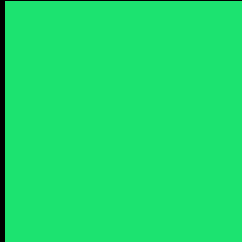
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1CE370 looks on a 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 1CE370 Background



This preview shows how black text looks on a background with the Hex color 1CE370.

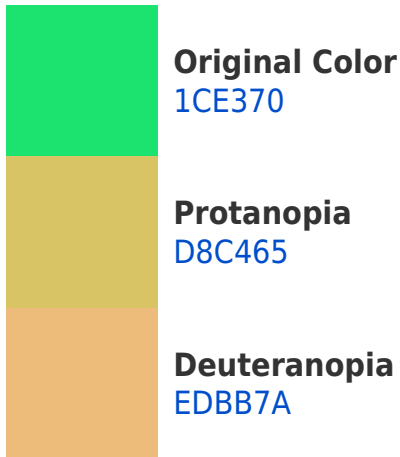


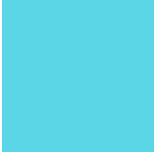
This preview shows how white text looks on a background with the Hex color 1CE370.

# 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](#).

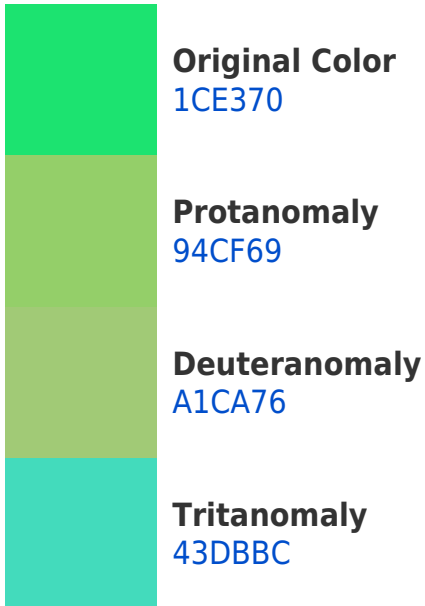
## Dichromacy



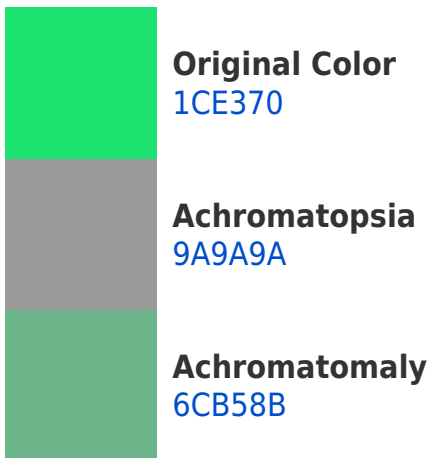


**Tritanopia**  
5AD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CE370 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 #1CE370 looks like.

```
.text, #text, p{  
    color:#1CE370  
}
```

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 #1CE370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CE370
}
```

## Border

The CSS property to change the border of an element to Hex 1CE370 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
#1CE370 }
```

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

```
.border{ border-color:#1CE370 }
```

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

Here you see how a box with a 4 pixel #1CE370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CE370; -webkit-box-shadow:4px 4px  
4px 4px #1CE370; box-shadow:4px 4px 4px  
4px #1CE370 }
```

# Background

The CSS property to change the background color of an element to Hex 1CE370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CE370 }
```

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

```
.background{ background-color:#1CE370 }
```

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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