

Converting Colors

Hex(1CE355)

Have a look what the booklet for
Hex(1CE355) contains.

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Color

Hex(1CE355)

Conversions

Conversions Part 1

Format	Color
Hex	1CE355
RGB	28, 227, 85
RGB Percent	11%, 89%, 33%
CMY	0.8902, 0.1098, 0.6667
CMYK	0.88, 0.00, 0.63, 0.11
HSL	137°, 78%, 50%
HSV	137°, 88%, 89%
XYZ	29.5877, 55.8409, 17.8133
YIQ	151.3110, -73.0220, -86.3500

Conversions

Conversions Part 2

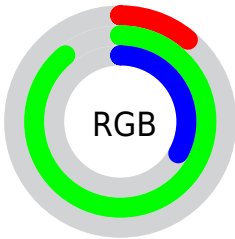
Format	Color
R_{YB}	28, 183, 227
Decimal	1893205
CIE _{Lab}	79.52, -72.87, 55.31
CIE _{LCh}	80, 91.485, 142.801
Yxy	55.8409, 0.2866, 0.5409
Android (android.graphics.Color)	4280083285 (0xFF1CE355)
YUV	151.3110, -32.6913, -108.1437
Hunter-Lab	74.7268, -60.0958, 38.1753

Details

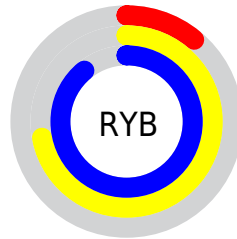
The Hex color **1CE355** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E31CAA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **73FF8B**, and **00AA1B** is the 20% darker color. If you saturate the color by 10%, you get **05E345**, and if you desaturate by 10%, it is **33E365**.

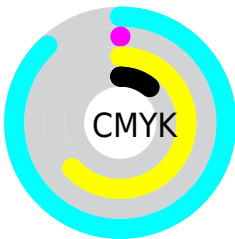
Distribution



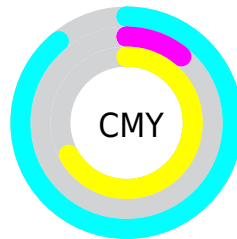
- Red (11%)
- Green (89%)
- Blue (33%)



- Red (11%)
- Yellow (72%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (63%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CE355 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 1CE355 by changing the saturation by 10% instead.

 1CE355

 1CE355

FFFFFF

 00C63A

 73FF8B

 00AA1B

 94FFA7

 008E00

 B4FFC3

 007300

 D4FFE0

 005900

 F3FFFD

 004000

 002700

 000000

 1CE355

 1CE355

 05E345

 33E365

 00E341

 49E375

 60E386

 77E396

 8EE3A6

 A4E3B6

 BBE3C6

 D2E3D7

 E8E3E7

Harmonies

Analogous

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



ADD400



1CE355



00EAAD

Triad

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



1CE355



00D6FF



FF6F89

Complementary

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



1CE355



E31CAA

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.



FF6ADD



1CE355



94B7FF

Square

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



1CE355



00E6FF



FF8EFF



FF9539

Rectangle

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



1CE355



00ECE8



FF8EFF



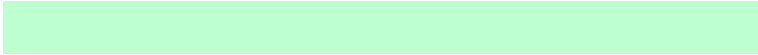
FF68A4

Sweetspot

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



1CE355



BDFFD0



ABE31C



588063



000000



808080

Same Dimension

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



1CE355



00FF49



1CE3B8



67736B



00B333



00330F

Inverse Universe

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



E31CAA



FF00B6



E31C47



73676F



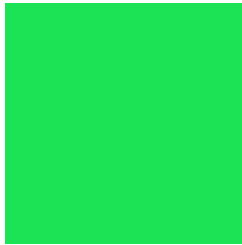
B3007F



330024

Previews

White Background



This preview shows how the Hex color 1CE355 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 1CE355 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 1CE355 Background



This preview shows how black text looks on a background with the Hex color 1CE355.

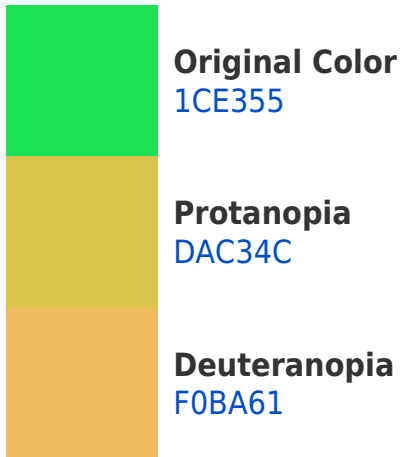


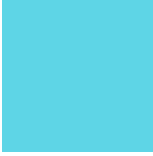
This preview shows how white text looks on a background with the Hex color 1CE355.

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](#).

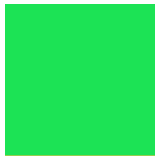
Dichromacy





Tritanopia
5ED5E6

Trichromacy



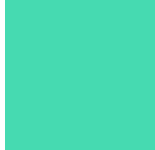
Original Color
1CE355



Protanomaly
95CF4F



Deuteranomaly
A3C95D



Tritanomaly
46DAB1

Monochromacy



Original Color
1CE355



Achromatopsia
979797



Achromatomaly
6AB37F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CE355 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 #1CE355 looks like.

```
.text, #text, p{  
    color:#1CE355  
}
```

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 #1CE355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CE355
}
```

Border

The CSS property to change the border of an element to Hex 1CE355 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
#1CE355 }
```

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

```
.border{ border-color:#1CE355 }
```

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

Here you see how a box with a 4 pixel #1CE355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CE355; -webkit-box-shadow:4px 4px  
4px 4px #1CE355; box-shadow:4px 4px 4px  
4px #1CE355 }
```

Background

The CSS property to change the background color of an element to Hex 1CE355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CE355 }
```

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

```
.background{ background-color:#1CE355 }
```

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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