

Converting Colors

Hex(1CA355)

Have a look what the booklet for
Hex(1CA355) contains.

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Color

Hex(1CA355)

Conversions

Conversions Part 1

Format	Color
Hex	1CA355
RGB	28, 163, 85
RGB Percent	11%, 64%, 33%
CMY	0.8902, 0.3608, 0.6667
CMYK	0.83, 0.00, 0.48, 0.36
HSL	145°, 71%, 37%
HSV	145°, 83%, 64%
XYZ	15.2158, 27.0971, 13.0226
YIQ	113.7430, -55.4220, -52.8780

Conversions

Conversions Part 2

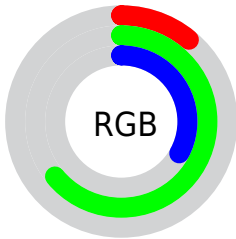
Format	Color
R_{YB}	28, 123, 163
Decimal	1876821
CIE _{Lab}	59.06, -52.06, 30.88
CIE _{LCh}	59, 60.532, 149.325
Yxy	27.0971, 0.2750, 0.4897
Android (android.graphics.Color)	4280066901 (0xFF1CA355)
YUV	113.7430, -14.1703, -75.1966
Hunter-Lab	52.0549, -38.9201, 21.6058

Details

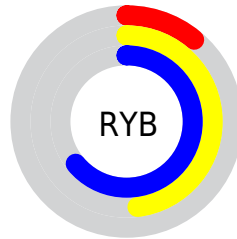
The Hex color **1CA355** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A31C6A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **62DB88**, and **006E25** is the 20% darker color. If you saturate the color by 10%, you get **0CA34C**, and if you desaturate by 10%, it is **2CA35E**.

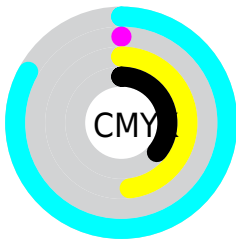
Distribution



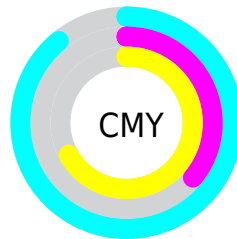
- Red (11%)
- Green (64%)
- Blue (33%)



- Red (11%)
- Yellow (48%)
- Blue (64%)



- Cyan (83%)
- Magenta (0%)
- Yellow (48%)
- Black (36%)



- Cyan (89%)
- Magenta (36%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA355 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 1CA355 by changing the saturation by 10% instead.



1CA355



1CA355

FFFFFF



00883D



62DB88



006E25



80F8A3



00540D



9DFFBE



003C00



BAFFDA



002500



D8FFF7



000000



F6FFFF



1CA355



1CA355



0CA34C



2CA35E

■ 00A345

■ 3DA368

■ 4DA371

■ 5DA37B

■ 6EA384

■ 7EA38E

■ 8EA397

■ 9EA3A0

■ AFA3AA

Harmonies

Analogous

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



759A27



1CA355



00A78B

Triad

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



1CA355



0095F9



EB625D

Complementary

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



1CA355



A31C6A

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.



EB5A92



1CA355



8B81EB

Square

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



1CA355



00A1E9



CD69C5



D37731

Rectangle

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



1CA355



00A7B0



CD69C5



EE5D6E

Sweetspot

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



1CA355



9FD4B5



6BA31C



4B6B59



EBEBEB



6B6B6B

Same Dimension

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



1CA355



02D45B



1CA398



49524D



00913D



001208

Inverse Universe

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



A31C6A



D4027B



A31C27



52494E



910054



12000A

Previews

White Background



This preview shows how the Hex color 1CA355 looks on a white background.

Color Contrast Check

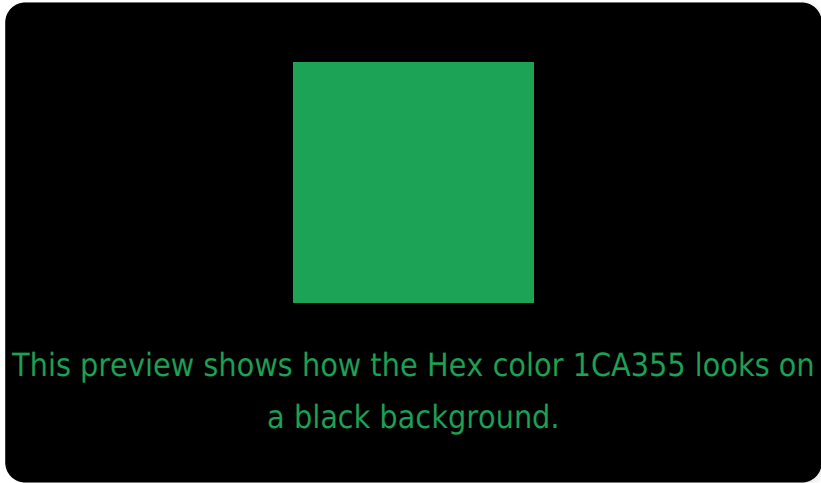
Large Text (above 18pt) WCAG AA ✓ Pass

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

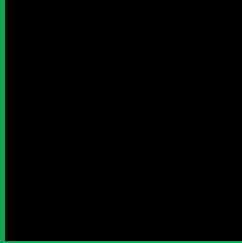
Any Text WCAG AA ✓ Pass

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 1CA355 Background



This preview shows how black text looks on a background with the Hex color 1CA355.

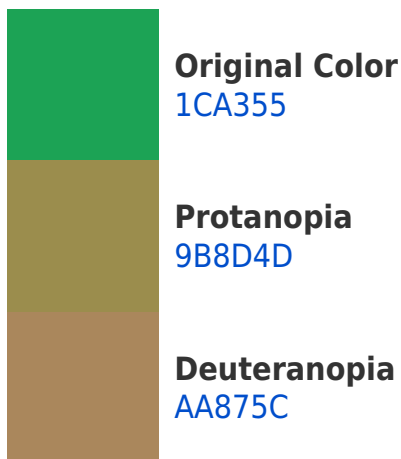


This preview shows how white text looks on a background with the Hex color 1CA355.

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
429AA6

Trichromacy



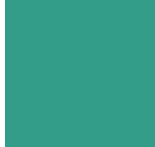
Original Color
1CA355



Protanomaly
6D9550



Deuteranomaly
769159



Tritanomaly
349D89

Monochromacy



Original Color
1CA355



Achromatopsia
727272



Achromatomaly
538467

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA355 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 #1CA355 looks like.

```
.text, #text, p{  
    color:#1CA355  
}
```

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 #1CA355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA355
}
```

Border

The CSS property to change the border of an element to Hex 1CA355 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
#1CA355 }
```

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

```
.border{ border-color:#1CA355 }
```

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

Here you see how a box with a 4 pixel #1CA355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA355; -webkit-box-shadow:4px 4px  
4px 4px #1CA355; box-shadow:4px 4px 4px  
4px #1CA355 }
```

Background

The CSS property to change the background color of an element to Hex 1CA355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA355 }
```

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

```
.background{ background-color:#1CA355 }
```

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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