

Converting Colors

Hex(1CA756)

Have a look what the booklet for
Hex(1CA756) contains.

Hex(1CA756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1CA756)

Conversions

Conversions Part 1

Format	Color
Hex	1CA756
RGB	28, 167, 86
RGB Percent	11%, 65%, 34%
CMY	0.8902, 0.3451, 0.6627
CMYK	0.83, 0.00, 0.49, 0.35
HSL	145°, 71%, 38%
HSV	145°, 83%, 65%
XYZ	15.9773, 28.5562, 13.4739
YIQ	116.2050, -56.8430, -54.6590

Conversions

Conversions Part 2

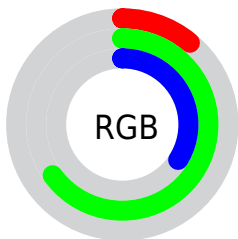
Format	Color
R_{YB}	28, 126, 167
Decimal	1877846
CIE _{Lab}	60.39, -53.31, 32.04
CIE _{LCh}	60, 62.198, 148.995
Yxy	28.5562, 0.2754, 0.4923
Android (android.graphics.Color)	4280067926 (0xFF1CA756)
YUV	116.2050, -14.8911, -77.3558
Hunter-Lab	53.4380, -40.1471, 22.4572

Details

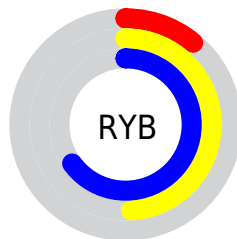
The Hex color **1CA756** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A71C6D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63DF89**, and **007226** is the 20% darker color. If you saturate the color by 10%, you get **0BA74C**, and if you desaturate by 10%, it is **2DA760**.

Distribution



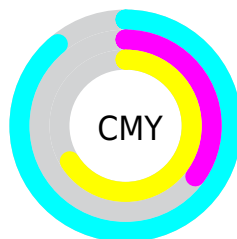
- Red (11%)
- Green (65%)
- Blue (34%)



- Red (11%)
- Yellow (49%)
- Blue (65%)



- Cyan (83%)
- Magenta (0%)
- Yellow (49%)
- Black (35%)



- Cyan (89%)
- Magenta (35%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA756 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 1CA756 by changing the saturation by 10% instead.

 1CA756

 1CA756

FFFFFF

 008C3E

 63DF89

 007226

 81FCA4

 00580D

 9EFFBF

 003F00

 BCFFDB

 002900

 D9FFF8

 000300

 F8FFFF

 000000

 1CA756

 1CA756

 0BA74C

 2DA760

 00A746

 3DA769

 4EA773

 5FA77D

 6FA787

 80A790

 91A79A

 A2A7A4

 B2A7AE

Harmonies

Analogous

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



789E26



1CA756



00AB8E

Triad

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



1CA756



0099FF



F16360

Complementary

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



1CA756



A71C6D

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.



F15C96



1CA756



8D84F2

Square

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



1CA756



00A5EF



D26BCB



D97931

Rectangle

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



1CA756



00ABB4



D26BCB



F45E71

Sweetspot

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



1CA756



A3D9B9



6DA71C



4D6E5A



EDEDED



6E6E6E

Same Dimension

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



1CA756



00D95A



1CA79B



4C544F



00943E



001409

Inverse Universe

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



A71C6D



D9007E



A71C28



544C51



940056



14000C

Previews

White Background



This preview shows how the Hex color 1CA756 looks on a white background.

Color Contrast Check

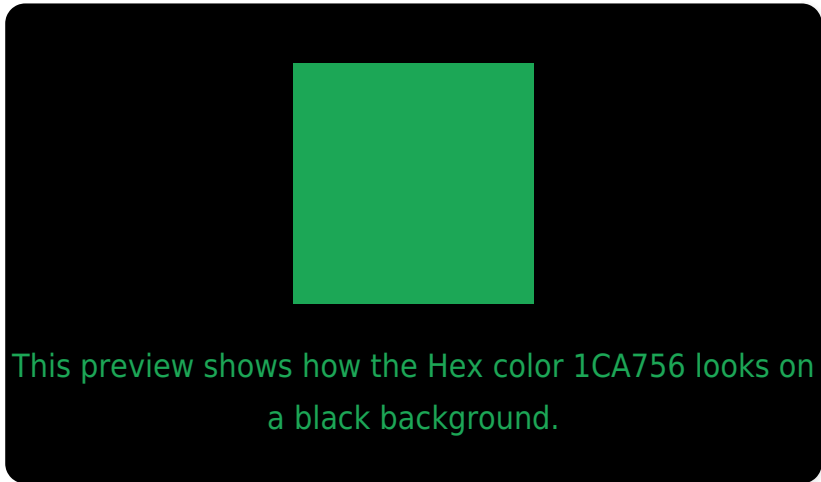
Large Text (above 18pt) WCAG AA ✓ Pass

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 1CA756 Background



This preview shows how black text looks on a background with the Hex color 1CA756.

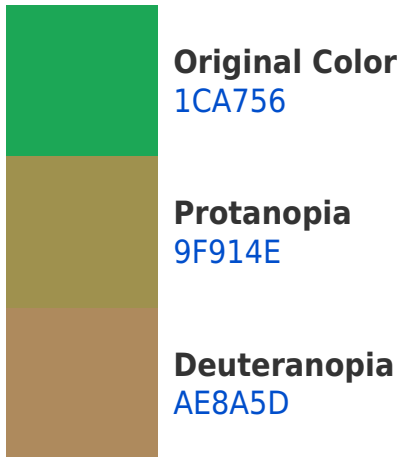


This preview shows how white text looks on a background with the Hex color 1CA756.

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](#).

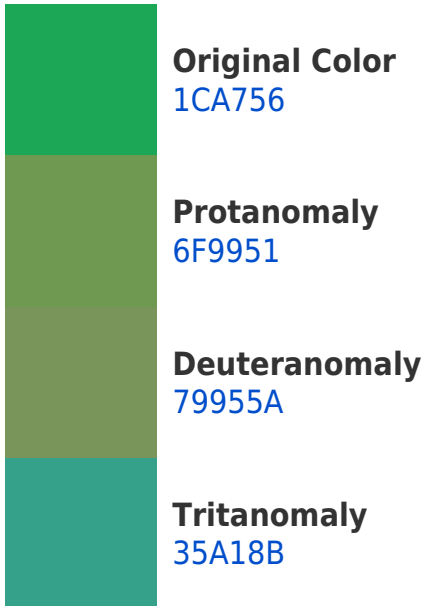
Dichromacy



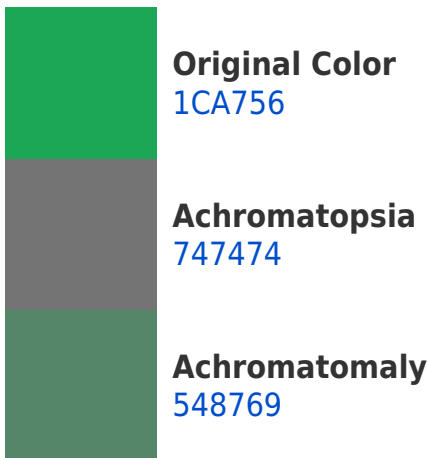


Tritanopia
449EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA756 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 #1CA756 looks like.

```
.text, #text, p{  
    color:#1CA756  
}
```

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 #1CA756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA756
}
```

Border

The CSS property to change the border of an element to Hex 1CA756 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
#1CA756 }
```

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

```
.border{ border-color:#1CA756 }
```

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

Here you see how a box with a 4 pixel #1CA756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA756; -webkit-box-shadow:4px 4px  
4px 4px #1CA756; box-shadow:4px 4px 4px  
4px #1CA756 }
```

Background

The CSS property to change the background color of an element to Hex 1CA756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA756 }
```

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

```
.background{ background-color:#1CA756 }
```

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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