

Converting Colors

Hex(1CAF56)

Have a look what the booklet for
Hex(1CAF56) contains.

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Color

Hex(1CAF56)

Conversions

Conversions Part 1

Format	Color
Hex	1CAF56
RGB	28, 175, 86
RGB Percent	11%, 69%, 34%
CMY	0.8902, 0.3137, 0.6627
CMYK	0.84, 0.00, 0.51, 0.31
HSL	144°, 72%, 40%
HSV	144°, 84%, 69%
XYZ	17.4886, 31.5787, 13.9777
YIQ	120.9010, -59.0430, -58.8430

Conversions

Conversions Part 2

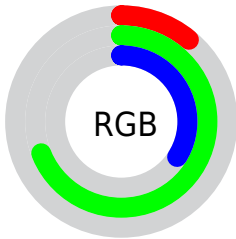
Format	Color
R _Y B	28, 133, 175
Decimal	1879894
CIE Lab	62.99, -56.10, 35.30
CIE LCh	63, 66.285, 147.819
Yxy	31.5787, 0.2774, 0.5009
Android (android.graphics.Color)	4280069974 (0xFF1CAF56)
YUV	120.9010, -17.2062, -81.4742
Hunter-Lab	56.1949, -42.7897, 24.5889

Details

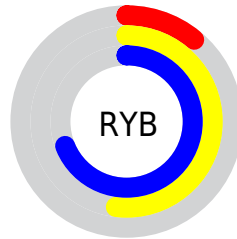
The Hex color **1CAF56** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AF1C75**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **65E889**, and **007925** is the 20% darker color. If you saturate the color by 10%, you get **0BAF4B**, and if you desaturate by 10%, it is **2EAF61**.

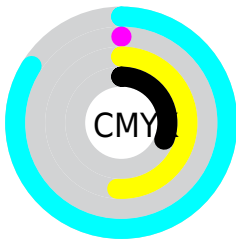
Distribution



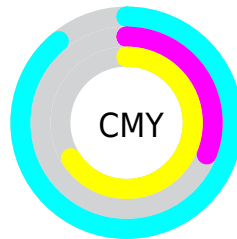
- Red (11%)
- Green (69%)
- Blue (34%)



- Red (11%)
- Yellow (52%)
- Blue (69%)



- Cyan (84%)
- Magenta (0%)
- Yellow (51%)
- Black (31%)



- Cyan (89%)
- Magenta (31%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CAF56 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 1CAF56 by changing the saturation by 10% instead.

 1CAF56

 1CAF56

FFFFFF

 00943D

 65E889

 007925

 83FFA4

 005F0B

 A1FFC0

 004600

 BFFFD0

 003000

 DDFFF9

 001200

 FBFFFF

 000000

 1CAF56

 1CAF56

 0BAF4B

 2EAF61

 00AF45

 3FAF6B

 51AF76

 62AF80

 73AF8B

 85AF96

 97AFA0

 A8AFAB

 BAAF B5

Harmonies

Analogous

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



7FA521



1CAF56



00B492

Triad

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



1CAF56



00A1FF



FF6565

Complementary

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



1CAF56



AF1C75

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.



FE5E9F



1CAF56



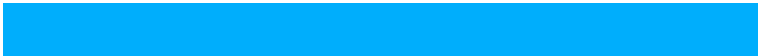
8F8BFF

Square

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



1CAF56



00AEFC



DB70D8



E57D32

Rectangle

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



1CAF56



00B4BB



DB70D8



FF6078

Sweetspot

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



1CAF56



AAE3C1



77AF1C



50735E



F2F2F2



737373

Same Dimension

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



1CAF56



00E35A



1CAF9E



4E5751



00963B



001709

Inverse Universe

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



AF1C75



E30089



AF1C2D



574E53



96005B



17000E

Previews

White Background



This preview shows how the Hex color 1CAF56 looks on a white background.

Color Contrast Check

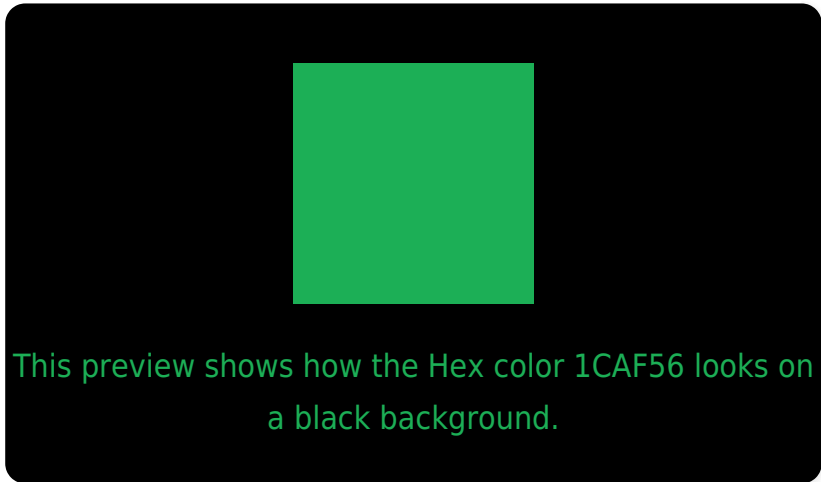
Large Text (above 18pt) WCAG AA × Fail

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

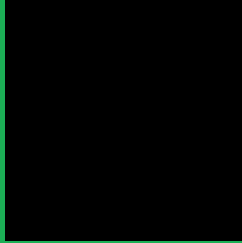
Any Text WCAG AA ✓ Pass

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 1CAF56 Background



This preview shows how black text looks on a background with the Hex color 1CAF56.

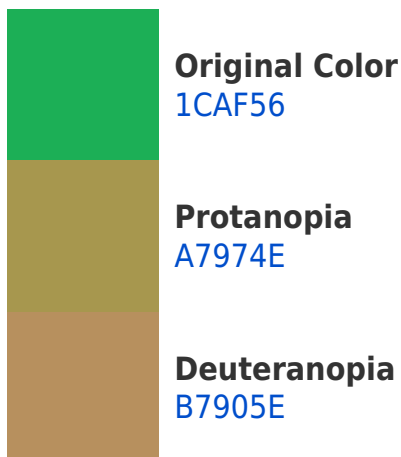


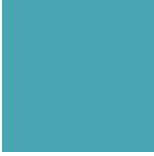
This preview shows how white text looks on a background with the Hex color 1CAF56.

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
48A5B2

Trichromacy



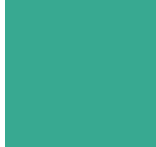
Original Color
1CAF56



Protanomaly
74A051



Deuteranomaly
7F9B5B



Tritanomaly
38A991

Monochromacy



Original Color
1CAF56



Achromatopsia
797979



Achromatomaly
578D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CAF56 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 #1CAF56 looks like.

```
.text, #text, p{  
    color:#1CAF56  
}
```

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 #1CAF56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CAF56
}
```

Border

The CSS property to change the border of an element to Hex 1CAF56 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
#1CAF56 }
```

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

```
.border{ border-color:#1CAF56 }
```

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

Here you see how a box with a 4 pixel #1CAF56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CAF56; -webkit-box-shadow:4px 4px  
4px 4px #1CAF56; box-shadow:4px 4px 4px  
4px #1CAF56 }
```

Background

The CSS property to change the background color of an element to Hex 1CAF56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CAF56 }
```

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

```
.background{ background-color:#1CAF56 }
```

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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