

Converting Colors

Hex(1CA35F)

Have a look what the booklet for
Hex(1CA35F) contains.

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Color

Hex(1CA35F)

Conversions

Conversions Part 1

Format	Color
Hex	1CA35F
RGB	28, 163, 95
RGB Percent	11%, 64%, 37%
CMY	0.8902, 0.3608, 0.6275
CMYK	0.83, 0.00, 0.42, 0.36
HSL	150°, 71%, 37%
HSV	150°, 83%, 64%
XYZ	15.6416, 27.2675, 15.2652
YIQ	114.8830, -58.6320, -49.7680

Conversions

Conversions Part 2

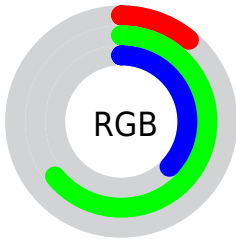
Format	Color
R_{YB}	28, 118, 163
Decimal	1876831
CIE _{Lab}	59.22, -50.23, 25.79
CIE _{LCh}	59, 56.464, 152.819
Yxy	27.2675, 0.2689, 0.4687
Android (android.graphics.Color)	4280066911 (0xFF1CA35F)
YUV	114.8830, -9.8023, -76.1964
Hunter-Lab	52.2183, -37.9135, 19.2203

Details

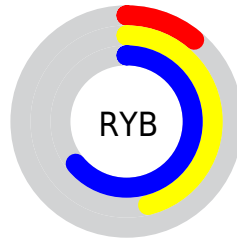
The Hex color **1CA35F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A31C60**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **62DB92**, and **006E2F** is the 20% darker color. If you saturate the color by 10%, you get **0CA357**, and if you desaturate by 10%, it is **2CA367**.

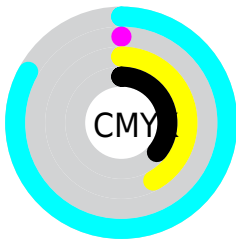
Distribution



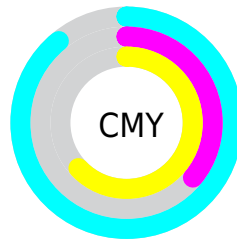
- Red (11%)
- Green (64%)
- Blue (37%)



- Red (11%)
- Yellow (46%)
- Blue (64%)



- Cyan (83%)
- Magenta (0%)
- Yellow (42%)
- Black (36%)



- Cyan (89%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CA35F 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 1CA35F by changing the saturation by 10% instead.

 1CA35F

 1CA35F


FFFFFF

 008847

 62DB92

 006E2F

 7FF8AD

 005419

 9DFFC9

 003C01

 BAFFE5

 002600

 D8FFFF

 000000

 F5FFFF

 1CA35F

 1CA35F

 0CA357

 2CA367

 00A351

 3DA36F

 4DA378

 5DA380

 6EA388

 7EA390

 8EA398

 9EA3A1

 AFA3A9

Harmonies

Analogous

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



729B35



1CA35F



00A692

Triad

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



1CA35F



1093F2



E5685C

Complementary

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



1CA35F



A31C60

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.



E7608C



1CA35F



967FE2

Square

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



1CA35F



009FE6



CE6BBD



CC7B34

Rectangle

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



1CA35F



00A6B4



CE6BBD



E8636B

Sweetspot

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



1CA35F



9FD4B9



62A31C



4B6B5B



EBEBEB



6B6B6B

Same Dimension

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



1CA35F



02D46A



1CA3A1



49524D



009148



001209

Inverse Universe

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



A31C60



D4026C



A31C1E



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 1CA35F looks on a white background.

Color Contrast Check

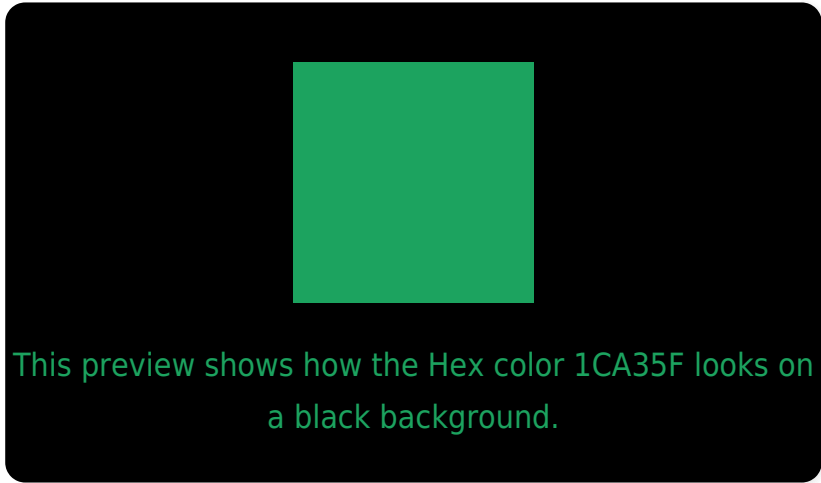
Large Text (above 18pt) WCAG AA ✓ Pass

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

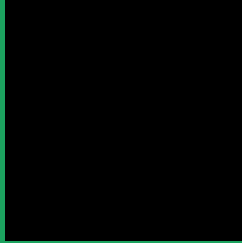
Any Text WCAG AA ✓ Pass

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 1CA35F Background



This preview shows how black text looks on a background with the Hex color 1CA35F.



This preview shows how white text looks on a background with the Hex color 1CA35F.

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](#).

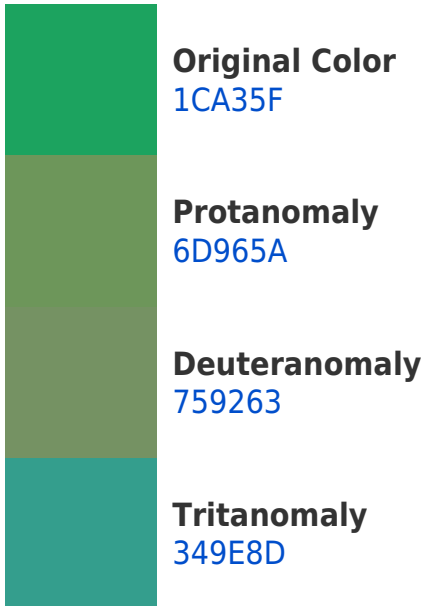
Dichromacy



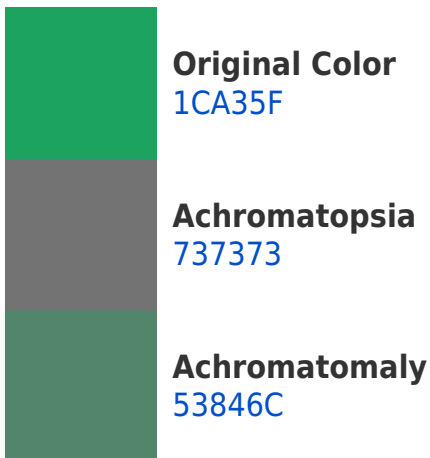


Tritanopia
419BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1CA35F 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 #1CA35F looks like.

```
.text, #text, p{  
    color:#1CA35F  
}
```

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 #1CA35F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CA35F
}
```

Border

The CSS property to change the border of an element to Hex 1CA35F 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
#1CA35F }
```

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

```
.border{ border-color:#1CA35F }
```

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

Here you see how a box with a 4 pixel #1CA35F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CA35F; -webkit-box-shadow:4px 4px  
4px 4px #1CA35F; box-shadow:4px 4px 4px  
4px #1CA35F }
```

Background

The CSS property to change the background color of an element to Hex 1CA35F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CA35F }
```

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

```
.background{ background-color:#1CA35F }
```

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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