

Converting Colors

Hex(1FAD5F)

Have a look what the booklet for
Hex(1FAD5F) contains.

Hex(1FAD5F)	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(1FAD5F)

Conversions

Conversions Part 1

Format	Color
Hex	1FAD5F
RGB	31, 173, 95
RGB Percent	12%, 68%, 37%
CMY	0.8784, 0.3216, 0.6275
CMYK	0.82, 0.00, 0.45, 0.32
HSL	147°, 70%, 40%
HSV	147°, 82%, 68%
XYZ	17.5742, 31.0047, 15.8847
YIQ	121.6500, -59.5940, -54.3620

Conversions

Conversions Part 2

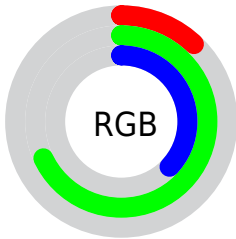
Format	Color
RYB	31, 129, 173
Decimal	2075999
CIELab	62.51, -53.56, 30.08
CIELCh	63, 61.430, 150.683
Yxy	31.0047, 0.2726, 0.4810
Android (android.graphics.Color)	4280266079 (0xFF1FAD5F)
YUV	121.6500, -13.1384, -79.5000
Hunter-Lab	55.6818, -41.1054, 22.0632

Details

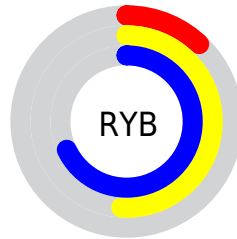
The Hex color **1FAD5F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AD1F6D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66E692**, and **00772F** is the 20% darker color. If you saturate the color by 10%, you get **0EAD55**, and if you desaturate by 10%, it is **30AD69**.

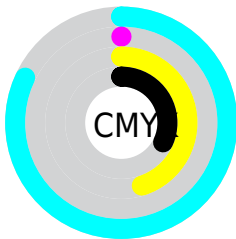
Distribution



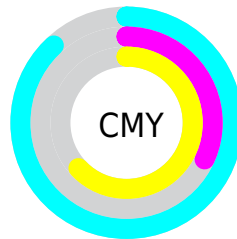
- Red (12%)
- Green (68%)
- Blue (37%)



- Red (12%)
- Yellow (51%)
- Blue (68%)



- Cyan (82%)
- Magenta (0%)
- Yellow (45%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FAD5F 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 1FAD5F by changing the saturation by 10% instead.



1FAD5F



1FAD5F

FFFFFF



009247



66E692



00772F



84FFAD



005D17



A1FFC9



004400



BFFFE5



002E00



DDFFFF



001000



FBFFFF



000000



1FAD5F



1FAD5F



0EAD55



30AD69

00AD4E

42AD72

53AD7C

64AD85

76AD8F

87AD98

98ADA2

A9ADAB

BBADB5

Harmonies

Analogous

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



7BA430



1FAD5F



00B197

Triad

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



1FAD5F



009DFF



F66B63

Complementary

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



1FAD5F



AD1F6D

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.



F76398



1FAD5F



9988F5

Square

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



1FAD5F



00AAF6



DA70CD



DC8036

Rectangle

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



1FAD5F



00B1BC



DA70CD



FA6674

Sweetspot

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



1FAD5F



A8E0C2



6DAD1F



4F705E



F0F0F0



707070

Same Dimension

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



1FAD5F



04E068



1FADA6



4E5752



009644



00170A

Inverse Universe

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



AD1F6D



E0047D



AD1F26



574E53



960053



17000D

Previews

White Background



This preview shows how the Hex color 1FAD5F looks on a white background.

Color Contrast Check

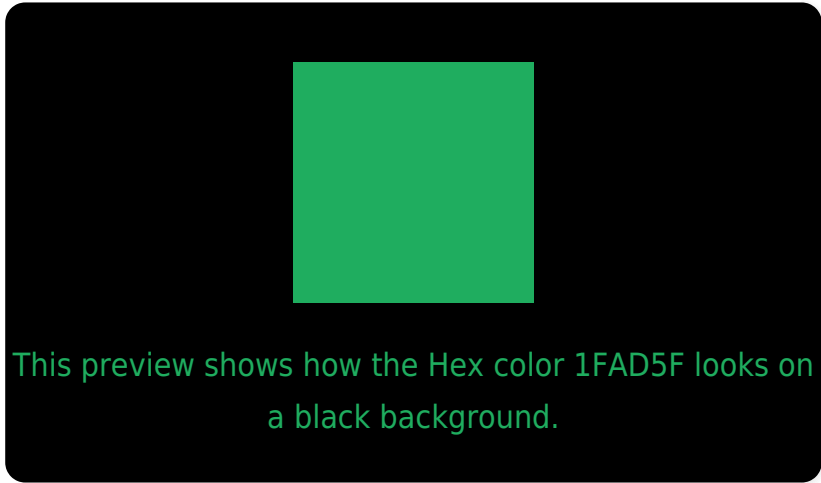
Large Text (above 18pt) WCAG AA × Fail

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

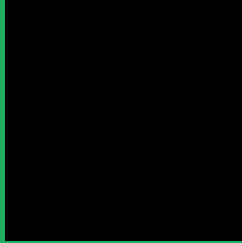
Any Text WCAG AA ✓ Pass

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 1FAD5F Background



This preview shows how black text looks on a background with the Hex color 1FAD5F.

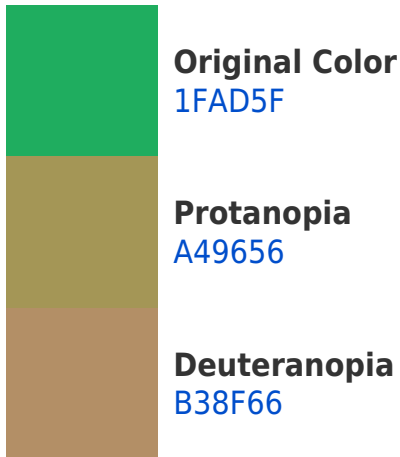


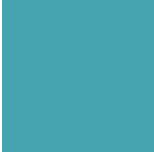
This preview shows how white text looks on a background with the Hex color 1FAD5F.

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](#).

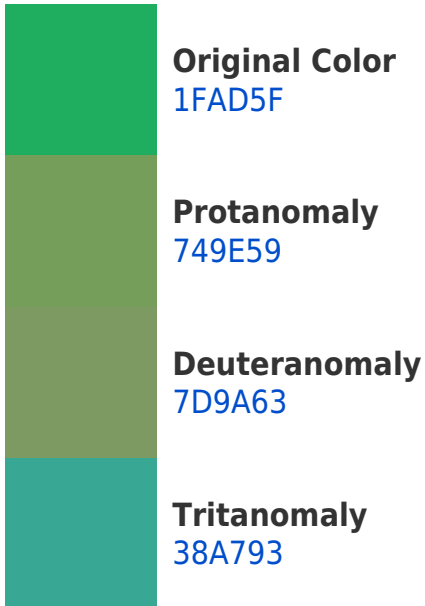
Dichromacy



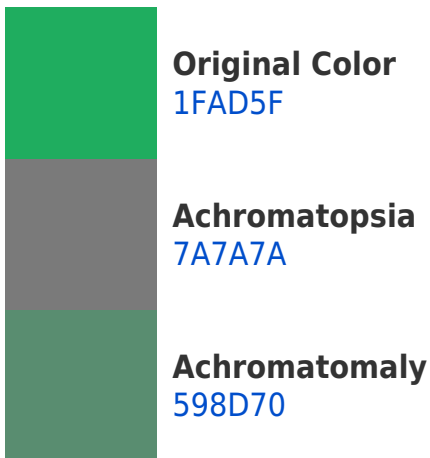


Tritanopia
46A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FAD5F 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 #1FAD5F looks like.

```
.text, #text, p{  
    color:#1FAD5F  
}
```

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 #1FAD5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FAD5F
}
```

Border

The CSS property to change the border of an element to Hex 1FAD5F 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
#1FAD5F }
```

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

```
.border{ border-color:#1FAD5F }
```

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

Here you see how a box with a 4 pixel #1FAD5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FAD5F; -webkit-box-shadow:4px 4px  
4px 4px #1FAD5F; box-shadow:4px 4px 4px  
4px #1FAD5F }
```

Background

The CSS property to change the background color of an element to Hex 1FAD5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FAD5F }
```

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

```
.background{ background-color:#1FAD5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor