

# Converting Colors

Hex(1FAD65)

Have a look what the booklet for  
Hex(1FAD65) contains.

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# Color

Hex(1FAD65)

# Conversions

## Conversions Part 1

Format	Color
Hex	1FAD65
RGB	31, 173, 101
RGB Percent	12%, 68%, 40%
CMY	0.8784, 0.3216, 0.6039
CMYK	0.82, 0.00, 0.42, 0.32
HSL	150°, 70%, 40%
HSV	150°, 82%, 68%
XYZ	17.8576, 31.1180, 17.3771
YIQ	122.3340, -61.5200, -52.4960

# Conversions

## Conversions Part 2

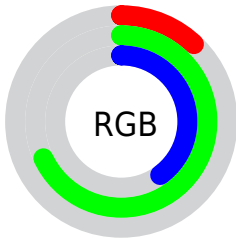
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 126, 173
Decimal	2076005
CIELab	62.61, -52.45, 27.04
CIELCh	63, 59.013, 152.724
Yxy	31.1180, 0.2691, 0.4690
Android (android.graphics.Color)	4280266085 (0xFF1FAD65)
YUV	122.3340, -10.5177, -80.0999
Hunter-Lab	55.7835, -40.4792, 20.5791

# Details

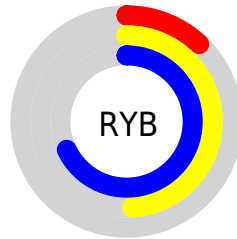
The Hex color **1FAD65** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD1F67**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66E699**, and **007735** is the 20% darker color. If you saturate the color by 10%, you get **0EAD5C**, and if you desaturate by 10%, it is **30AD6E**.

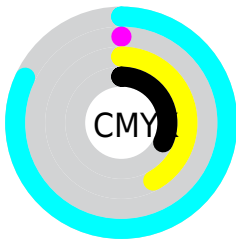
# Distribution



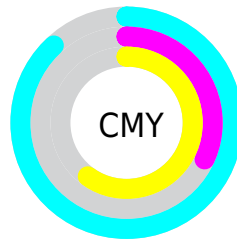
- Red (12%)
- Green (68%)
- Blue (40%)



- Red (12%)
- Yellow (49%)
- Blue (68%)



- Cyan (82%)
- Magenta (0%)
- Yellow (42%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FAD65 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 1FAD65 by changing the saturation by 10% instead.



 1FAD65

 1FAD65

FFFFFF

 00924C

 66E699

 007735

 84FFB4

 005D1E

 A1FFCF

 004406

 BFFFEC

 002E00

 DDFFFF

 001100

 FBFFFF

 000000

 1FAD65

 1FAD65

 0EAD5C

 30AD6E

■ 00AD55

■ 42AD77

■ 53AD7F

■ 64AD88

■ 76AD91

■ 87AD9A

■ 98ADA2

■ A9ADAB

■ BBADB4

# Harmonies

## Analogous

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



79A538



1FAD65



00B19B

# Triad

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



1FAD65



0F9CFF



F26F62

# Complementary

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



1FAD65



AD1F67

# 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.



F56695



1FAD65



9F87F0

# Square

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



1FAD65



00A9F4



DB71C8



D88338

# Rectangle

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



1FAD65



00B0BE



DB71C8



F66A72



# Sweetspot

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



1FAD65



A8E0C4



68AD1F



4F705F



F0F0F0



707070



# Same Dimension

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



1FAD65



04E071



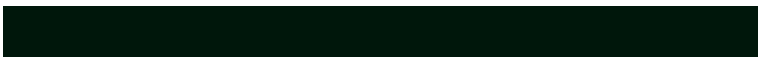
1FADAB



4E5752



00964A



00170B



# Inverse Universe

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



AD1F67



E00474



AD1F21



574E52



96004C



17000C



# Previews

## White Background



This preview shows how the Hex color 1FAD65 looks on a white background.

## Color Contrast Check

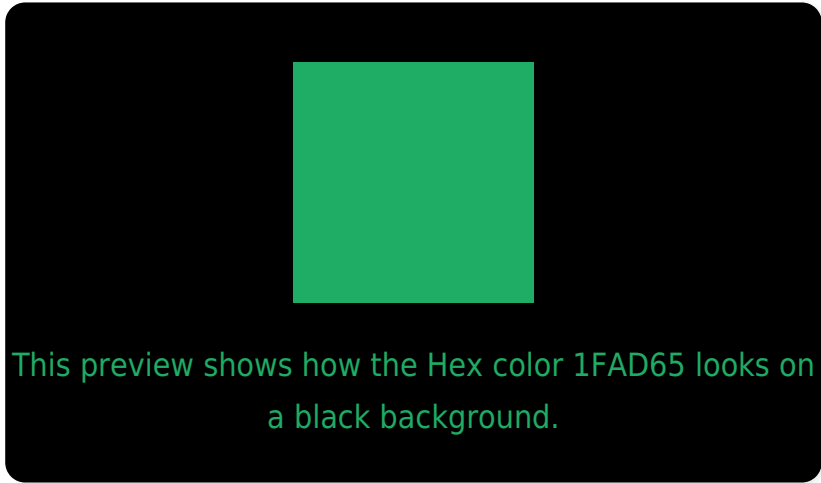
Large Text (above 18pt) WCAG AA × Fail

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

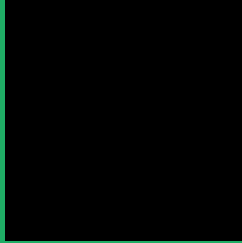
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1FAD65 Background



This preview shows how black text looks on a background with the Hex color 1FAD65.

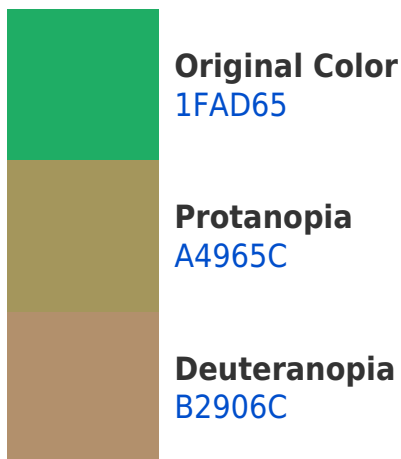


This preview shows how white text looks on a background with the Hex color 1FAD65.

# 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**  
45A4B1

# Trichromacy



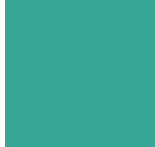
**Original Color**  
1FAD65



**Protanomaly**  
749E5F



**Deuteranomaly**  
7D9B69



**Tritanomaly**  
37A795

# Monochromacy



**Original Color**  
1FAD65



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
598D72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FAD65 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 #1FAD65 looks like.

```
.text, #text, p{  
    color:#1FAD65  
}
```

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 #1FAD65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FAD65
}
```

## Border

The CSS property to change the border of an element to Hex 1FAD65 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
#1FAD65 }
```

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

```
.border{ border-color:#1FAD65 }
```

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

Here you see how a box with a 4 pixel #1FAD65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FAD65; -webkit-box-shadow:4px 4px  
4px 4px #1FAD65; box-shadow:4px 4px 4px  
4px #1FAD65 }
```

# Background

The CSS property to change the background color of an element to Hex 1FAD65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FAD65 }
```

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

```
.background{ background-color:#1FAD65 }
```

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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