

Converting Colors

Hex(1FA671)

Have a look what the booklet for
Hex(1FA671) contains.

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Color

Hex(1FA671)

Conversions

Conversions Part 1

Format	Color
Hex	1FA671
RGB	31, 166, 113
RGB Percent	12%, 65%, 44%
CMY	0.8784, 0.3490, 0.5569
CMYK	0.81, 0.00, 0.32, 0.35
HSL	156°, 69%, 39%
HSV	156°, 81%, 65%
XYZ	17.1819, 28.7560, 20.2677
YIQ	119.5930, -63.4470, -45.1030

Conversions

Conversions Part 2

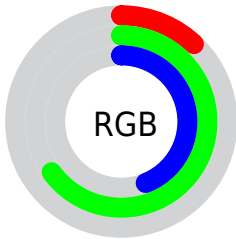
Format	Color
R_{YB}	31, 115, 166
Decimal	2074225
CIE _{Lab}	60.57, -47.31, 17.82
CIE _{LCh}	61, 50.553, 159.365
Yxy	28.7560, 0.2595, 0.4343
Android (android.graphics.Color)	4280264305 (0xFF1FA671)
YUV	119.5930, -3.2503, -77.6961
Hunter-Lab	53.6246, -36.6497, 15.1283

Details

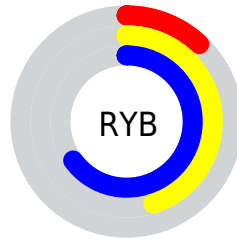
The Hex color **1FA671** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A61F54**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **64DEA5**, and **007141** is the 20% darker color. If you saturate the color by 10%, you get **0EA66A**, and if you desaturate by 10%, it is **30A678**.

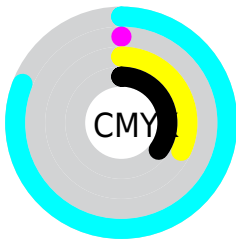
Distribution



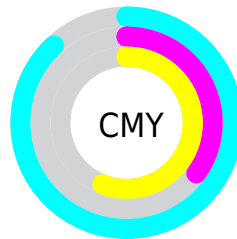
- Red (12%)
- Green (65%)
- Blue (44%)



- Red (12%)
- Yellow (45%)
- Blue (65%)



- Cyan (81%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)



- Cyan (88%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FA671 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 1FA671 by changing the saturation by 10% instead.

 1FA671

 1FA671

FFFFFF

 008B58


 64DEA5

 007141

 82FBC0

 00572A

 9FFFDC

 003F15

 BCFFF9

 002900

 DAFFFF

 000400

 F8FFFF

 000000

 1FA671

 1FA671

 0EA66A

 30A678

■ 00A665

■ 40A67E

■ 51A685

■ 61A68B

■ 72A692

■ 83A698

■ 93A69F

■ A4A6A5

■ B4A6AC

Harmonies

Analogous

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



6E9F4A



1FA671



00A89F

Triad

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



1FA671



5A92EA



DE745C

Complementary

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



1FA671



A61F54

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.



E56B86



1FA671



A781D7

Square

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



1FA671



009FE5



D370B2



C4853D

Rectangle

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



1FA671



00A7BC



D370B2



E27069

Sweetspot

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



1FA671



A5D9C4



55A61F



4E6E61



EDEDED



6E6E6E

Same Dimension

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



1FA671



04D985



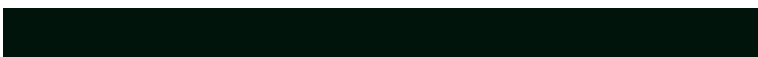
1F98A6



4C5451



00945A



00140C

Inverse Universe

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



A61F54



D90458



A62D1F



544C4F



94003A



140008

Previews

White Background



This preview shows how the Hex color 1FA671 looks on a white background.

Color Contrast Check

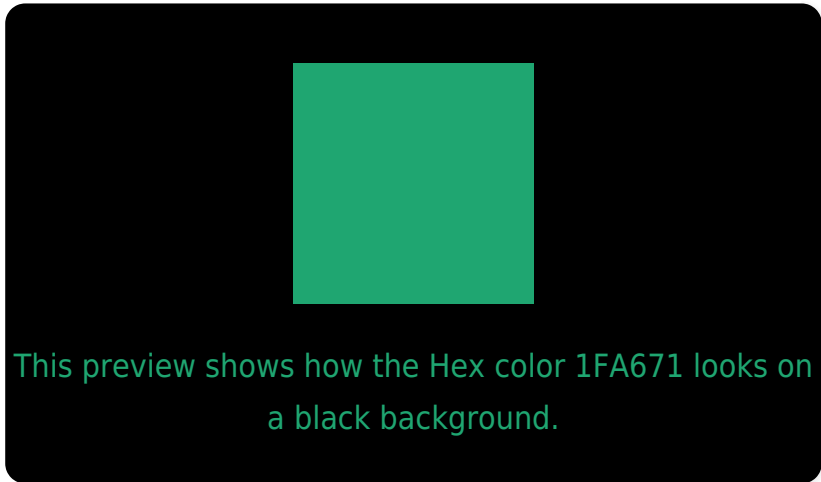
Large Text (above 18pt) WCAG AA ✓ Pass

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

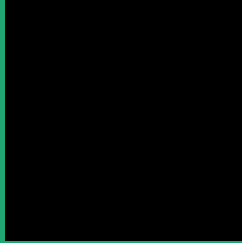
Any Text WCAG AA ✓ Pass

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 1FA671 Background



This preview shows how black text looks on a background with the Hex color 1FA671.

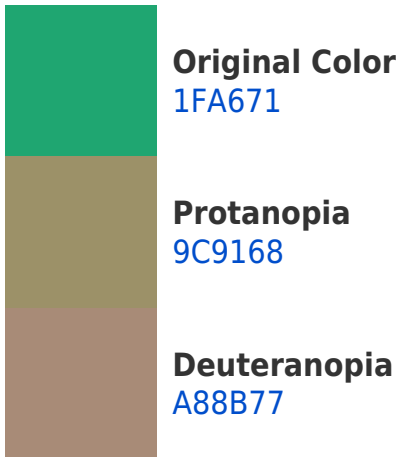


This preview shows how white text looks on a background with the Hex color 1FA671.

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





Trichromacy



Original Color
1FA671



Protanomaly
6F996B



Deuteranomaly
769575



Tritanomaly
33A297

Monochromacy



Original Color
1FA671



Achromatopsia
787878



Achromatomaly
588975

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FA671 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 #1FA671 looks like.

```
.text, #text, p{  
    color:#1FA671  
}
```

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 #1FA671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA671  
}
```

Border

The CSS property to change the border of an element to Hex 1FA671 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  
#1FA671 }
```

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

```
.border{ border-color:#1FA671 }
```

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

Here you see how a box with a 4 pixel #1FA671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA671; -webkit-box-shadow:4px 4px  
4px 4px #1FA671; box-shadow:4px 4px 4px  
4px #1FA671 }
```

Background

The CSS property to change the background color of an element to Hex 1FA671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA671 }
```

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

```
.background{ background-color:#1FA671 }
```

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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