

Converting Colors

Hex(1FA563)

Have a look what the booklet for
Hex(1FA563) contains.

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Color

Hex(1FA563)

Conversions

Conversions Part 1

Format	Color
Hex	1FA563
RGB	31, 165, 99
RGB Percent	12%, 65%, 39%
CMY	0.8784, 0.3529, 0.6118
CMYK	0.81, 0.00, 0.40, 0.35
HSL	150°, 68%, 38%
HSV	150°, 81%, 65%
XYZ	16.2723, 28.1024, 16.3711
YIQ	117.4100, -58.6780, -48.9340

Conversions

Conversions Part 2

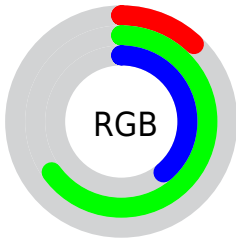
Format	Color
RYB	31, 120, 165
Decimal	2073955
CIELab	59.98, -49.87, 24.65
CIELCh	60, 55.631, 153.695
Yxy	28.1024, 0.2679, 0.4626
Android (android.graphics.Color)	4280264035 (0xFF1FA563)
YUV	117.4100, -9.0761, -75.7816
Hunter-Lab	53.0117, -37.9786, 18.7983

Details

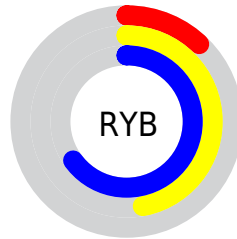
The Hex color **1FA563** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A51F61**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **64DD96**, and **007033** is the 20% darker color. If you saturate the color by 10%, you get **0EA55B**, and if you desaturate by 10%, it is **2FA56B**.

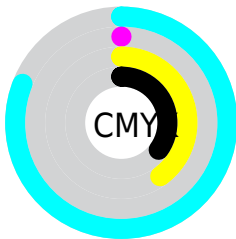
Distribution



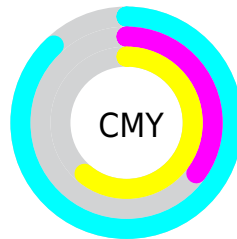
- Red (12%)
- Green (65%)
- Blue (39%)



- Red (12%)
- Yellow (47%)
- Blue (65%)



- Cyan (81%)
- Magenta (0%)
- Yellow (40%)
- Black (35%)



- Cyan (88%)
- Magenta (35%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FA563 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 1FA563 by changing the saturation by 10% instead.

 1FA563

 1FA563

FFFFFF

 008A4B

 64DD96

 007033

 81FAB1

 00561D

 9EFFCD

 003E05

 BCFFE9

 002800

 D9FFFF

 000000

 F7FFFF

 1FA563

 1FA563

 0EA55B

 2FA56B

■ 00A554

■ 40A573

■ 50A57B

■ 61A584

■ 71A58C

■ 82A594

■ 92A59C

■ A3A5A4

■ B3A5AC

Harmonies

Analogous

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



739D39



1FA563



00A895

Triad

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



1FA563



2994F2



E56B5D

Complementary

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



1FA563



A51F61

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.



E9638C



1FA563



9A81E2

Square

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



1FA563



00A1E8



D16DBD



CD7E37

Rectangle

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



1FA563



00A8B6



D16DBD



E9676C

Sweetspot

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



1FA563



A3D6BD



62A51F



4C6B5C



EBEBEB



6B6B6B

Same Dimension

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



1FA563



06D670



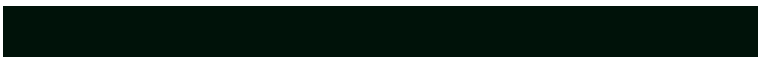
1FA5A5



49524E



00914A



001209

Inverse Universe

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



A51F61



D6066D



A51F1F



52494D



910048



120009

Previews

White Background



This preview shows how the Hex color 1FA563 looks on a white background.

Color Contrast Check

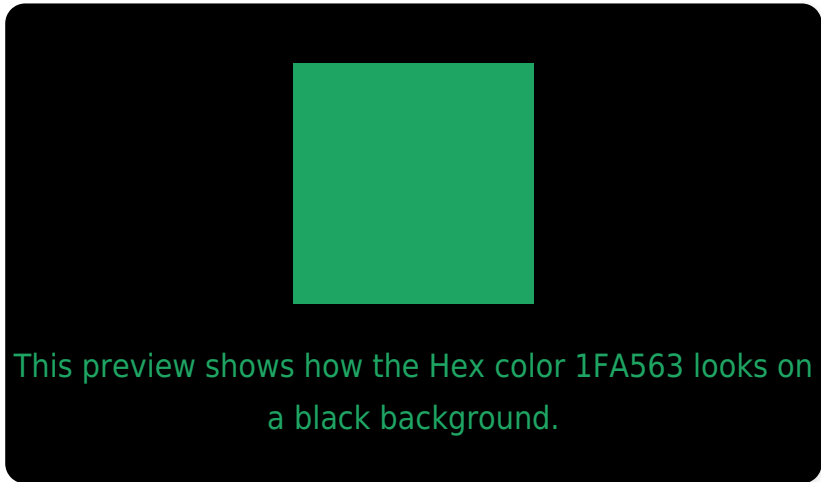
Large Text (above 18pt) WCAG AA ✓ Pass

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

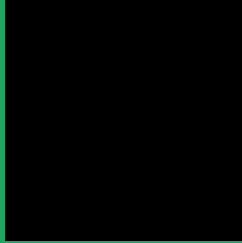
Any Text WCAG AA ✓ Pass

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 1FA563 Background



This preview shows how black text looks on a background with the Hex color 1FA563.

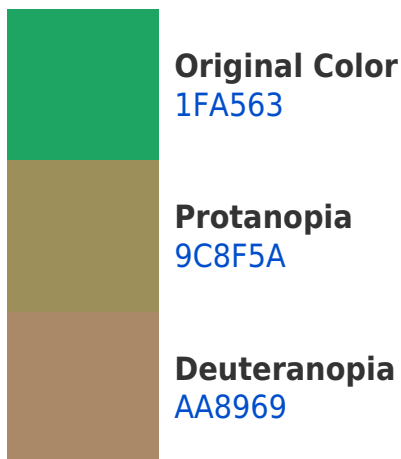


This preview shows how white text looks on a background with the Hex color 1FA563.

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
429DA9

Trichromacy



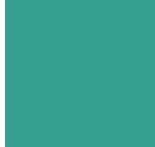
Original Color
1FA563



Protanomaly
6F975D



Deuteranomaly
779367



Tritanomaly
35A090

Monochromacy



Original Color
1FA563



Achromatopsia
757575



Achromatomaly
56866E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FA563 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 #1FA563 looks like.

```
.text, #text, p{  
    color:#1FA563  
}
```

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 #1FA563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA563
}
```

Border

The CSS property to change the border of an element to Hex 1FA563 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
#1FA563 }
```

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

```
.border{ border-color:#1FA563 }
```

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

Here you see how a box with a 4 pixel #1FA563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA563; -webkit-box-shadow:4px 4px  
4px 4px #1FA563; box-shadow:4px 4px 4px  
4px #1FA563 }
```

Background

The CSS property to change the background color of an element to Hex 1FA563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA563 }
```

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

```
.background{ background-color:#1FA563 }
```

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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