

Converting Colors

Hex(1FAE79)

Have a look what the booklet for
Hex(1FAE79) contains.

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Color

Hex(1FAE79)

Conversions

Conversions Part 1

Format	Color
Hex	1FAE79
RGB	31, 174, 121
RGB Percent	12%, 68%, 47%
CMY	0.8784, 0.3176, 0.5255
CMYK	0.82, 0.00, 0.30, 0.32
HSL	158°, 70%, 40%
HSV	158°, 82%, 68%
XYZ	19.1523, 31.9439, 23.2455
YIQ	125.2010, -68.2150, -46.7990

Conversions

Conversions Part 2

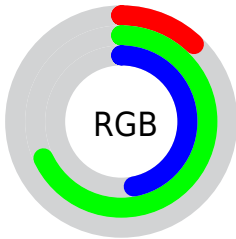
Format	Color
R_{YB}	31, 119, 174
Decimal	2076281
CIE Lab	63.30, -48.66, 17.18
CIE LCh	63, 51.608, 160.550
Yxy	31.9439, 0.2576, 0.4297
Android (android.graphics.Color)	4280266361 (0xFF1FAE79)
YUV	125.2010, -2.0711, -82.6143
Hunter-Lab	56.5189, -38.4206, 15.1780

Details

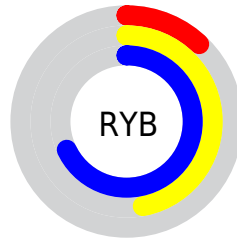
The Hex color **1FAE79** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE1F54**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **66E6AE**, and **007848** is the 20% darker color. If you saturate the color by 10%, you get **0EAE73**, and if you desaturate by 10%, it is **30AE7F**.

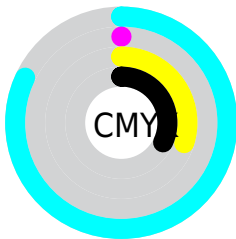
Distribution



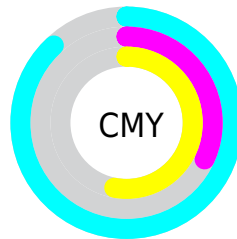
- Red (12%)
- Green (68%)
- Blue (47%)



- Red (12%)
- Yellow (47%)
- Blue (68%)



- Cyan (82%)
- Magenta (0%)
- Yellow (30%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FAE79 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 1FAE79 by changing the saturation by 10% instead.

 1FAE79

 1FAE79

FFFFFF

 009360

 66E6AE

 007848

 84FFC9

 005F31

 A2FFE5

 00461C

 BFFFFFF

 002F04

 DDFFFF

 001400

 FBFFFF

 000000

 1FAE79

 1FAE79

 0EAE73

 30AE7F

00AE6E

42AE86

53AE8C

65AE93

76AE99

87AEA0

99AEA6

AAAEAD

BCAEB3

Harmonies

Analogous

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



72A750



1FAE79



00B0A9

Triad

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



1FAE79



6599F4



E77B60

Complementary

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



1FAE79



AE1F54

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.



EF718B



1FAE79



B287DF

Square

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



1FAE79



00A6EF



DE76B9



CC8C41

Rectangle

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



1FAE79



00AFC7



DE76B9



EC766D

Sweetspot

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



1FAE79



AAE3CE



56AE1F



507366



F2F2F2



737373

Same Dimension

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



1FAE79



02E390



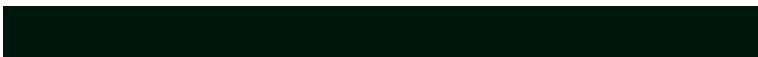
1F9DAE



4E5753



00965F



00170E

Inverse Universe

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



AE1F54



E30256



AE301F



574E51



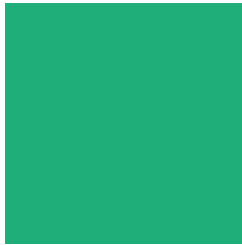
960038



170009

Previews

White Background



This preview shows how the Hex color 1FAE79 looks on a white background.

Color Contrast Check

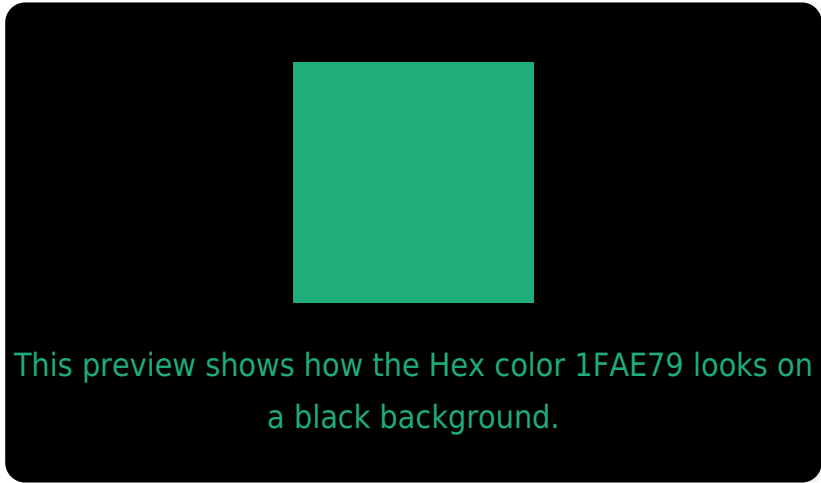
Large Text (above 18pt) WCAG AA × Fail

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

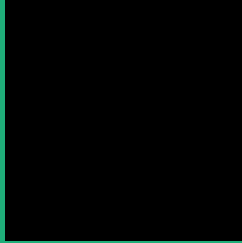
Any Text WCAG AA ✓ Pass

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 1FAE79 Background



This preview shows how black text looks on a background with the Hex color 1FAE79.



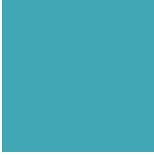
This preview shows how white text looks on a background with the Hex color 1FAE79.

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
41A7B4

Trichromacy



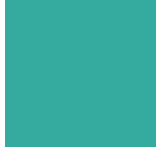
Original Color
1FAE79



Protanomaly
73A073



Deuteranomaly
7B9C7D



Tritanomaly
35AA9F

Monochromacy



Original Color
1FAE79



Achromatopsia
7D7D7D



Achromatomaly
5B8F7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FAE79 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 #1FAE79 looks like.

```
.text, #text, p{  
    color:#1FAE79  
}
```

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 #1FAE79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FAE79
}
```

Border

The CSS property to change the border of an element to Hex 1FAE79 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
#1FAE79 }
```

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

```
.border{ border-color:#1FAE79 }
```

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

Here you see how a box with a 4 pixel #1FAE79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FAE79; -webkit-box-shadow:4px 4px  
4px 4px #1FAE79; box-shadow:4px 4px 4px  
4px #1FAE79 }
```

Background

The CSS property to change the background color of an element to Hex 1FAE79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FAE79 }
```

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

```
.background{ background-color:#1FAE79 }
```

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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