

Converting Colors

Hex(1FA87B)

Have a look what the booklet for
Hex(1FA87B) contains.

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Color

Hex(1FA87B)

Conversions

Conversions Part 1

Format	Color
Hex	1FA87B
RGB	31, 168, 123
RGB Percent	12%, 66%, 48%
CMY	0.8784, 0.3412, 0.5176
CMYK	0.82, 0.00, 0.27, 0.34
HSL	160°, 69%, 39%
HSV	160°, 82%, 66%
XYZ	18.1429, 29.7266, 23.5205
YIQ	121.9070, -67.2070, -43.0390

Conversions

Conversions Part 2

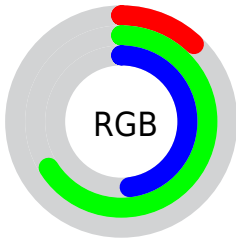
Format	Color
RYB	31, 113, 168
Decimal	2074747
CIELab	61.42, -45.81, 13.48
CIELCh	61, 47.748, 163.607
Yxy	29.7266, 0.2541, 0.4164
Android (android.graphics.Color)	4280264827 (0xFF1FA87B)
YUV	121.9070, 0.5388, -79.7254
Hunter-Lab	54.5221, -36.0158, 12.5882

Details

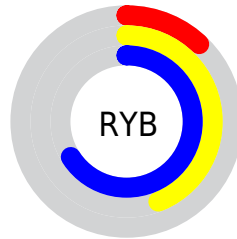
The Hex color **1FA87B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A81F4C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **65E0B0**, and **00734A** is the 20% darker color. If you saturate the color by 10%, you get **0EA875**, and if you desaturate by 10%, it is **30A881**.

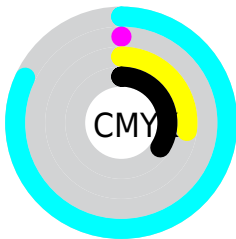
Distribution



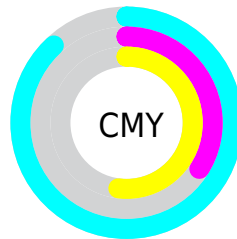
- Red (12%)
- Green (66%)
- Blue (48%)



- Red (12%)
- Yellow (44%)
- Blue (66%)



- Cyan (82%)
- Magenta (0%)
- Yellow (27%)
- Black (34%)



- Cyan (88%)
- Magenta (34%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FA87B 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 1FA87B by changing the saturation by 10% instead.

 1FA87B

 1FA87B

FFFFFF

 008D62

 65E0B0

 00734A

 82FDCB

 005933

 A0FFE7

 00411E

 BDFFFF

 002B06

 DBFFFF

 000A00

 F9FFFF

 000000

 1FA87B

 1FA87B

 0EA875

 30A881

■ 00A871

■ 41A886

■ 51A88C

■ 62A891

■ 73A897

■ 84A89C

■ 95A8A2

■ A5A8A7

■ B6A8AD

Harmonies

Analogous

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



6BA255



1FA87B



00AAA7

Triad

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



1FA87B



6F92E6



DB7A5C

Complementary

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



1FA87B



A81F4C

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.



E47083



1FA87B



B081D2

Square

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



1FA87B



009FE5



D673AD



C08A42

Rectangle

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



1FA87B



00A8C2



D673AD



E07668

Sweetspot

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



1FA87B



A7DBCA



4DA81F



4E6E63



EDEDED



6E6E6E

Same Dimension

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



1FA87B



04DB95



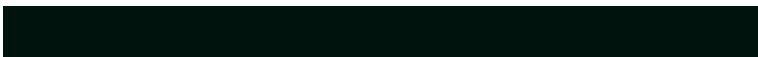
1F91A8



4C5451



009463



00140E

Inverse Universe

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



A81F4C



DB044B



A8361F



544C4E



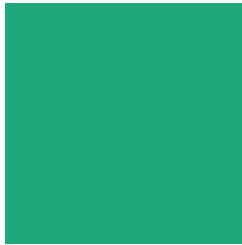
940031



140007

Previews

White Background



This preview shows how the Hex color 1FA87B looks on a white background.

Color Contrast Check

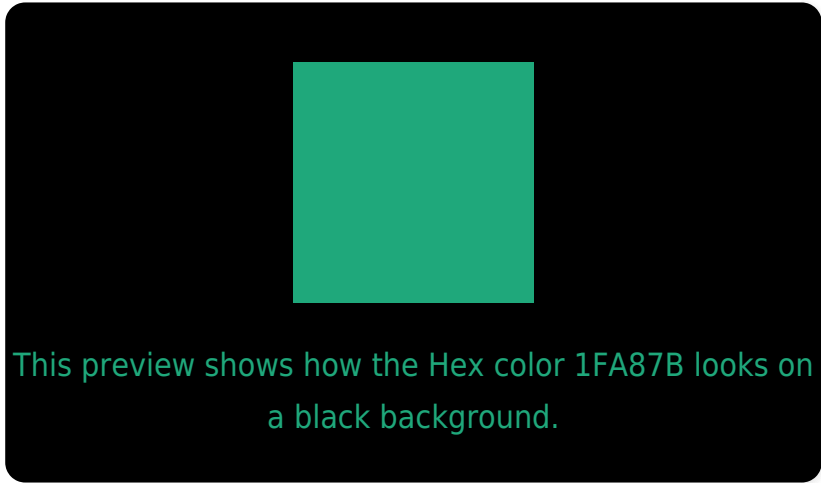
Large Text (above 18pt) WCAG AA ✓ Pass

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 1FA87B Background



This preview shows how black text looks on a background with the Hex color 1FA87B.



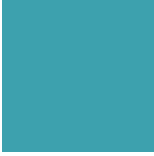
This preview shows how white text looks on a background with the Hex color 1FA87B.

Color Blindness Simulation

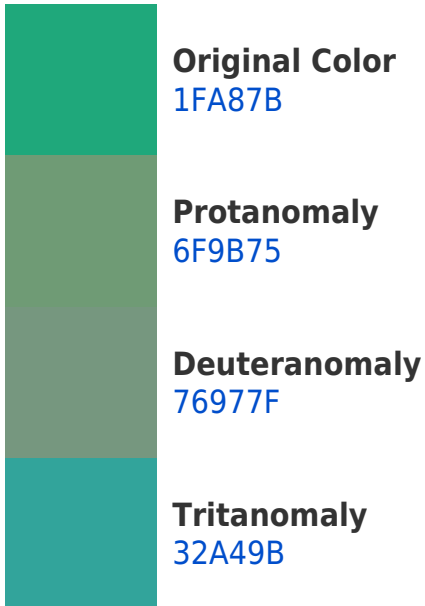
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

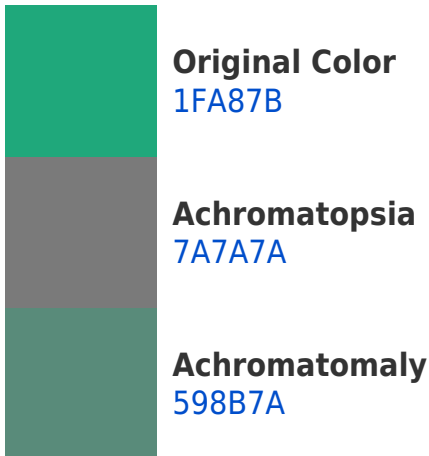




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1FA87B 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 #1FA87B looks like.

```
.text, #text, p{  
    color:#1FA87B  
}
```

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 #1FA87B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FA87B
}
```

Border

The CSS property to change the border of an element to Hex 1FA87B 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
#1FA87B }
```

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

```
.border{ border-color:#1FA87B }
```

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

Here you see how a box with a 4 pixel #1FA87B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FA87B; -webkit-box-shadow:4px 4px  
4px 4px #1FA87B; box-shadow:4px 4px 4px  
4px #1FA87B }
```

Background

The CSS property to change the background color of an element to Hex 1FA87B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FA87B }
```

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

```
.background{ background-color:#1FA87B }
```

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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