

Converting Colors

Hex(1EA879)

Have a look what the booklet for
Hex(1EA879) contains.

Hex(1EA879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1EA879)

Conversions

Conversions Part 1

Format	Color
Hex	1EA879
RGB	30, 168, 121
RGB Percent	12%, 66%, 47%
CMY	0.8824, 0.3412, 0.5255
CMYK	0.82, 0.00, 0.28, 0.34
HSL	160°, 70%, 39%
HSV	160°, 82%, 66%
XYZ	17.9892, 29.6618, 22.8663
YIQ	121.3800, -67.1610, -43.8730

Conversions

Conversions Part 2

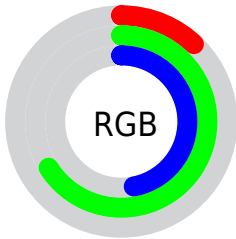
Format	Color
R_{YB}	30, 113, 168
Decimal	2009209
CIE _{Lab}	61.36, -46.38, 14.50
CIE _{LCh}	61, 48.593, 162.637
Yxy	29.6618, 0.2551, 0.4206
Android (android.graphics.Color)	4280199289 (0xFF1EA879)
YUV	121.3800, -0.1873, -80.1403
Hunter-Lab	54.4626, -36.3502, 13.2307

Details

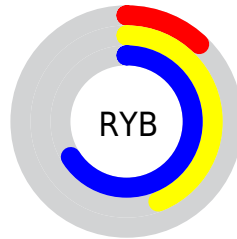
The Hex color **1EA879** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A81E4D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **64E0AD**, and **007348** is the 20% darker color. If you saturate the color by 10%, you get **0DA873**, and if you desaturate by 10%, it is **2FA87F**.

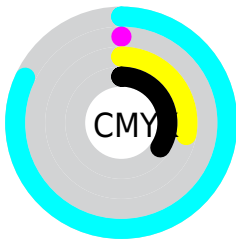
Distribution



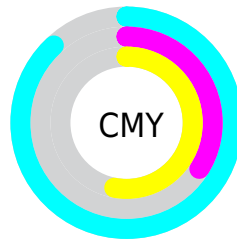
- Red (12%)
- Green (66%)
- Blue (47%)



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



- Cyan (82%)
- Magenta (0%)
- Yellow (28%)
- Black (34%)



- Cyan (88%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EA879 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 1EA879 by changing the saturation by 10% instead.

 1EA879

 1EA879

FFFFFF

 008D60

 64E0AD

 007348

 82FDC9

 005932

 9FFFE5

 00411C

 BDFFFF

 002B04

 DBFFFF

 000900

 F9FFFF

 000000

 1EA879

 1EA879

 0DA873

 2FA87F

■ 00A86F

■ 40A884

■ 50A88A

■ 61A890

■ 72A896

■ 83A89B

■ 94A8A1

■ A4A8A7

■ B5A8AC

Harmonies

Analogous

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



6CA252



1EA879



00AAA6

Triad

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



1EA879



6B93E8



DC795C

Complementary

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



1EA879



A81E4D

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.



E56F84



1EA879



AF82D4

Square

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



1EA879



00A0E6



D673AF



C28941

Rectangle

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



1EA879



00A9C1



D673AF



E17568

Sweetspot

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



1EA879



A4DBC9



4EA81E



4D6E62



EDEDED



6E6E6E

Same Dimension

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



1EA879



02DB91



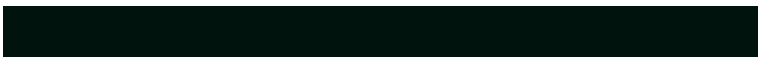
1E93A8



4C5451



009462



00140D

Inverse Universe

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



A81E4D



DB024C



A8331E



544C4F



940032



140007

Previews

White Background



This preview shows how the Hex color 1EA879 looks on a white background.

Color Contrast Check

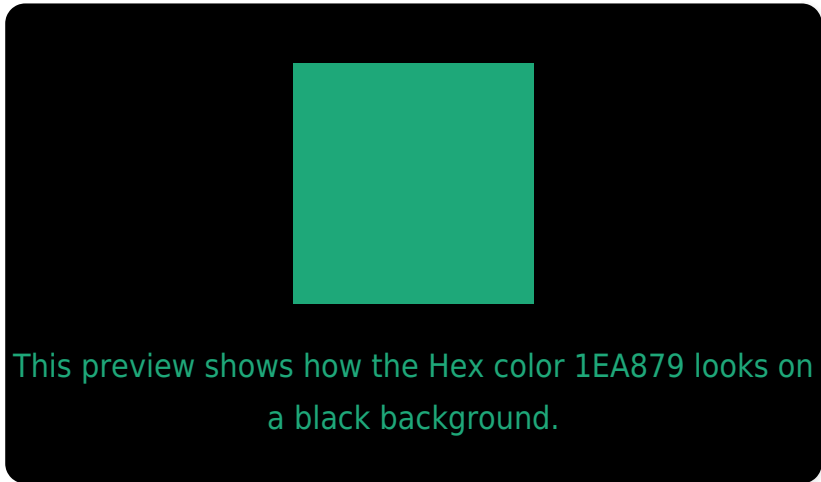
Large Text (above 18pt) WCAG AA ✓ Pass

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

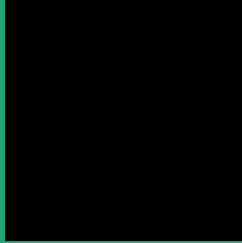
Any Text WCAG AA ✓ Pass

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 1EA879 Background



This preview shows how black text looks on a background with the Hex color 1EA879.



This preview shows how white text looks on a background with the Hex color 1EA879.

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



Original Color
1EA879

Protanopia
9D936F

Deuteranopia
A88E7F



Tritanopia
3EA1AE

Trichromacy



Original Color
1EA879



Protanomaly
6F9B73



Deuteranomaly
76977D



Tritanomaly
32A49B

Monochromacy



Original Color
1EA879



Achromatopsia
797979



Achromatomaly
588A79

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EA879 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 #1EA879 looks like.

```
.text, #text, p{  
    color:#1EA879  
}
```

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 #1EA879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EA879
}
```

Border

The CSS property to change the border of an element to Hex 1EA879 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
#1EA879 }
```

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

```
.border{ border-color:#1EA879 }
```

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

Here you see how a box with a 4 pixel #1EA879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EA879; -webkit-box-shadow:4px 4px  
4px 4px #1EA879; box-shadow:4px 4px 4px  
4px #1EA879 }
```

Background

The CSS property to change the background color of an element to Hex 1EA879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EA879 }
```

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

```
.background{ background-color:#1EA879 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor