

Converting Colors

Hex(1AEA87)

Have a look what the booklet for
Hex(1AEA87) contains.

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Color

Hex(1AEA87)

Conversions

Conversions Part 1

Format	Color
Hex	1AEA87
RGB	26, 234, 135
RGB Percent	10%, 92%, 53%
CMY	0.8980, 0.0824, 0.4706
CMYK	0.89, 0.00, 0.42, 0.08
HSL	151°, 83%, 51%
HSV	151°, 89%, 92%
XYZ	34.2220, 60.8145, 32.8564
YIQ	160.5220, -92.1890, -74.8850

Conversions

Conversions Part 2

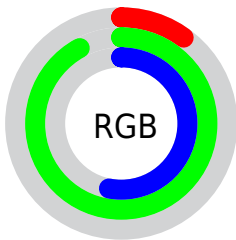
Format	Color
RYB	26, 162, 234
Decimal	1763975
CIELab	82.28, -67.91, 35.30
CIELCh	82, 76.535, 152.535
Yxy	60.8145, 0.2676, 0.4755
Android (android.graphics.Color)	4279954055 (0xFF1AEA87)
YUV	160.5220, -12.5823, -117.9758
Hunter-Lab	77.9837, -58.1393, 29.6083

Details

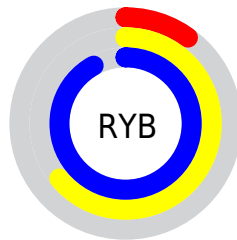
The Hex color **1AEA87** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EA1A7D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **73FFBD**, and **00B154** is the 20% darker color. If you saturate the color by 10%, you get **03EA7C**, and if you desaturate by 10%, it is **31EA92**.

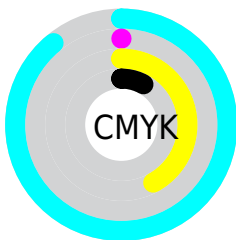
Distribution



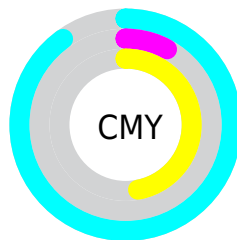
- Red (10%)
- Green (92%)
- Blue (53%)



- Red (10%)
- Yellow (64%)
- Blue (92%)



- Cyan (89%)
- Magenta (0%)
- Yellow (42%)
- Black (8%)



- Cyan (90%)
- Magenta (8%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AEA87 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 1AEA87 by changing the saturation by 10% instead.

 1AEA87

FFFFFF

 73FFBD

 94FFD9

 B4FFF6


 D4FFFF

 F3FFFF

 1AEA87

 00CD6D

 00B154

 00953B

 007A23

 005F08

 004600

 002E00

 000F00

 000000

■ 1AEA87

■ 1AEA87

■ 03EA7C

■ 31EA92

■ 00EA7B

■ 49EA9D

■ 60EAA8

■ 78EAB4

■ 8FEABF

■ A6EACA

■ BEEAD5

■ D5EAE0

■ EDEAEB

Harmonies

Analogous

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



A3DF49



1AEA87



00EFD1

Triad

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



1AEA87



00D3FF



FF9484

Complementary

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



1AEA87



EA1A7D

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.



FF88CA



1AEA87



D6B7FF

Square

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



1AEA87



00E5FF



FF98FF



FFB049

Rectangle

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



1AEA87



00EFFF



FF98FF



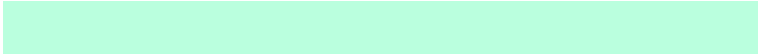
FF8D9A

Sweetspot

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



1AEA87



BAFFDE



7FEA1A



57806C



000000



808080

Same Dimension

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



1AEA87



00FF86



1AE7EA



6A7570



00B55F



00361C

Inverse Universe

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



EA1A7D



FF0079



EA1D1A



756A6F



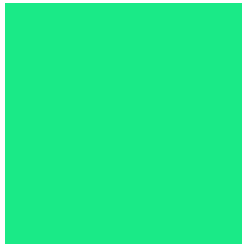
B50056



360019

Previews

White Background



This preview shows how the Hex color 1AEA87 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



This preview shows how the Hex color 1AEA87 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

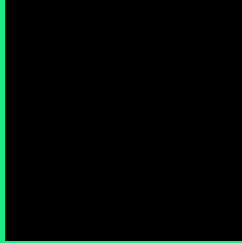
Any Text WCAG AA ✓ Pass

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 1AEA87 Background



This preview shows how black text looks on a background with the Hex color 1AEA87.

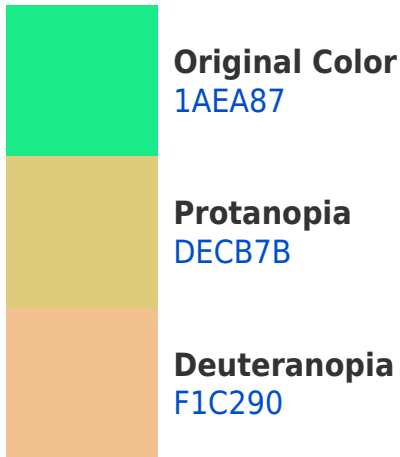


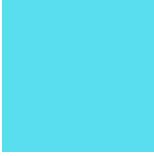
This preview shows how white text looks on a background with the Hex color 1AEA87.

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
59DEF0

Trichromacy



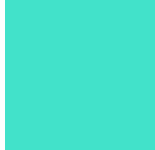
Original Color
1AEA87



Protanomaly
97D67F



Deuteranomaly
A3D18D

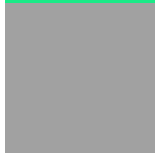


Tritanomaly
42E2CA

Monochromacy



Original Color
1AEA87



Achromatopsia
A1A1A1



Achromatomaly
70BC98

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AEA87 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 #1AEA87 looks like.

```
.text, #text, p{  
    color:#1AEA87  
}
```

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 #1AEA87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AEA87
}
```

Border

The CSS property to change the border of an element to Hex 1AEA87 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
#1AEA87 }
```

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

```
.border{ border-color:#1AEA87 }
```

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

Here you see how a box with a 4 pixel #1AEA87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AEA87; -webkit-box-shadow:4px 4px  
4px 4px #1AEA87; box-shadow:4px 4px 4px  
4px #1AEA87 }
```

Background

The CSS property to change the background color of an element to Hex 1AEA87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AEA87 }
```

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

```
.background{ background-color:#1AEA87 }
```

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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