

Converting Colors

Hex(1BAD87)

Have a look what the booklet for
Hex(1BAD87) contains.

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Color

Hex(1BAD87)

Conversions

Conversions Part 1

Format	Color
Hex	1BAD87
RGB	27, 173, 135
RGB Percent	11%, 68%, 53%
CMY	0.8941, 0.3216, 0.4706
CMYK	0.84, 0.00, 0.22, 0.32
HSL	164°, 73%, 39%
HSV	164°, 84%, 68%
XYZ	19.7687, 31.8694, 28.0312
YIQ	125.0140, -74.8180, -42.7700

Conversions

Conversions Part 2

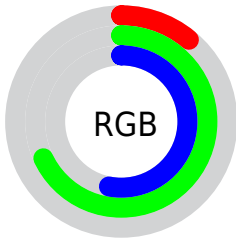
Format	Color
RYB	27, 111, 173
Decimal	1813895
CIELab	63.23, -45.28, 9.38
CIElCh	63, 46.247, 168.296
Yxy	31.8694, 0.2481, 0.4000
Android (android.graphics.Color)	4280003975 (0xFF1BAD87)
YUV	125.0140, 4.9231, -85.9583
Hunter-Lab	56.4530, -36.2856, 10.0773

Details

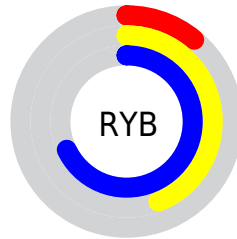
The Hex color **1BAD87** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD1B41**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **65E5BC**, and **007755** is the 20% darker color. If you saturate the color by 10%, you get **0AAD82**, and if you desaturate by 10%, it is **2CAD8C**.

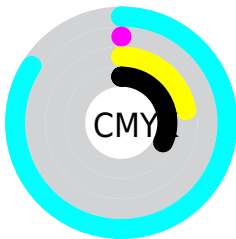
Distribution



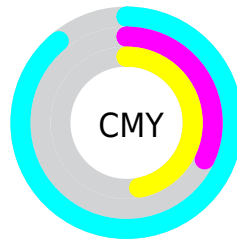
- Red (11%)
- Green (68%)
- Blue (53%)



- Red (11%)
- Yellow (44%)
- Blue (68%)



- Cyan (84%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)



- Cyan (89%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BAD87 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 1BAD87 by changing the saturation by 10% instead.

 1BAD87

 1BAD87

FFFFFF

 00926E

 65E5BC

 007755

 83FFD8

 005E3E

 A1FFF4

 004528


 BEFFFF

 002E14

 DCFFFF

 001300

 FBFFFF

 000000

 1BAD87

 1BAD87

 0AAD82

 2CAD8C

 00AD80

 3EAD90

 4FAD95

 60AD99

 71AD9E

 83ADA2

 94ADA7

 A5ADAB

 B7ADB0

Harmonies

Analogous

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



69A860



1BAD87



00AEB2

Triad

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



1BAD87



8295E7



DB825D

Complementary

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



1BAD87



AD1B41

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.



E77881



1BAD87



BC84D0

Square

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



1BAD87



0FA2E9



DD78AB



BF9147

Rectangle

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



1BAD87



00ACCB



DD78AB



E17E68

Sweetspot

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



1BAD87



A8E0D2



42AD1B



4F7067



F0F0F0



707070

Same Dimension

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



1BAD87



00E0A6



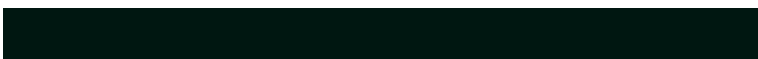
1B8BAD



4E5754



00966F



001711

Inverse Universe

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



AD1B41



E0003A



AD3D1B



574E50



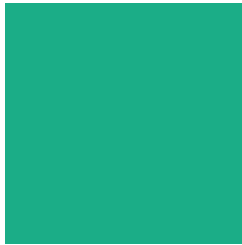
960027



170006

Previews

White Background



This preview shows how the Hex color 1BAD87 looks on a white background.

Color Contrast Check

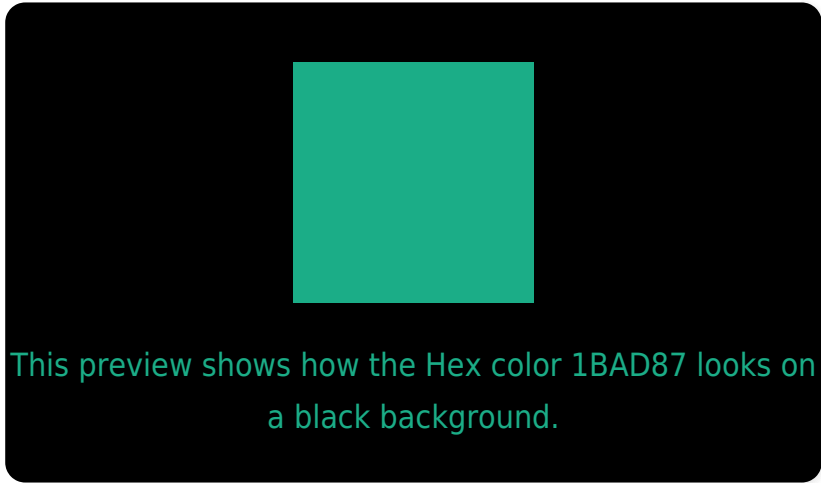
Large Text (above 18pt) WCAG AA × Fail

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

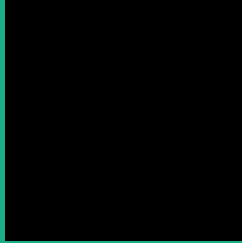
Any Text WCAG AA ✓ Pass

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 1BAD87 Background



This preview shows how black text looks on a background with the Hex color 1BAD87.

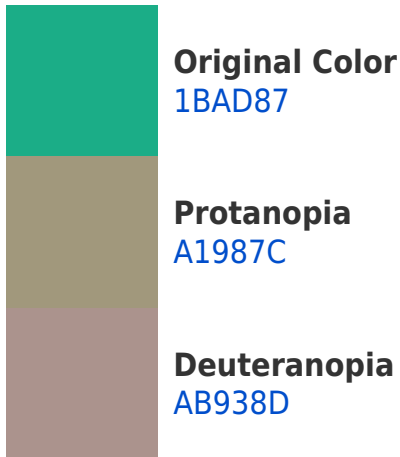


This preview shows how white text looks on a background with the Hex color 1BAD87.

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



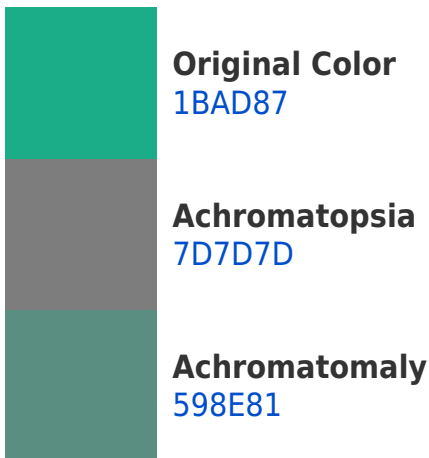


Tritanopia
3BA7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BAD87 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 #1BAD87 looks like.

```
.text, #text, p{  
    color:#1BAD87  
}
```

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 #1BAD87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BAD87
}
```

Border

The CSS property to change the border of an element to Hex 1BAD87 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
#1BAD87 }
```

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

```
.border{ border-color:#1BAD87 }
```

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

Here you see how a box with a 4 pixel #1BAD87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BAD87; -webkit-box-shadow:4px 4px  
4px 4px #1BAD87; box-shadow:4px 4px 4px  
4px #1BAD87 }
```

Background

The CSS property to change the background color of an element to Hex 1BAD87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BAD87 }
```

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

```
.background{ background-color:#1BAD87 }
```

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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