

Converting Colors

Hex(1BAD8F)

Have a look what the booklet for
Hex(1BAD8F) contains.

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Color

Hex(1BAD8F)

Conversions

Conversions Part 1

Format	Color
Hex	1BAD8F
RGB	27, 173, 143
RGB Percent	11%, 68%, 56%
CMY	0.8941, 0.3216, 0.4392
CMYK	0.84, 0.00, 0.17, 0.32
HSL	168°, 73%, 39%
HSV	168°, 84%, 68%
XYZ	20.3535, 32.1033, 31.1104
YIQ	125.9260, -77.3860, -40.2820

Conversions

Conversions Part 2

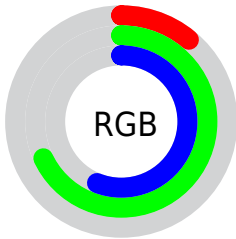
Format	Color
RYB	27, 108, 173
Decimal	1813903
CIELab	63.43, -43.23, 5.22
CIELCh	63, 43.540, 173.118
Yxy	32.1033, 0.2436, 0.3842
Android (android.graphics.Color)	4280003983 (0xFF1BAD8F)
YUV	125.9260, 8.4175, -86.7581
Hunter-Lab	56.6598, -35.0334, 7.1073

Details

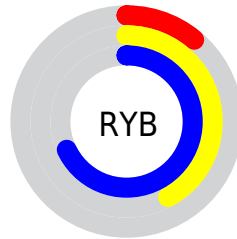
The Hex color **1BAD8F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD1B39**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **65E5C5**, and **00785D** is the 20% darker color. If you saturate the color by 10%, you get **0AAD8B**, and if you desaturate by 10%, it is **2CAD93**.

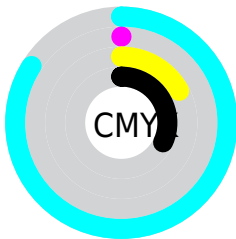
Distribution



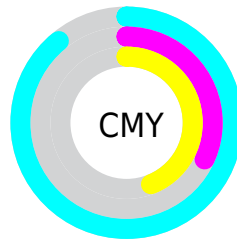
- Red (11%)
- Green (68%)
- Blue (56%)



- Red (11%)
- Yellow (42%)
- Blue (68%)



- Cyan (84%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)



- Cyan (89%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BAD8F 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 1BAD8F by changing the saturation by 10% instead.

 1BAD8F

 1BAD8F

FFFFFF

 009275

 65E5C5

 00785D

 83FFE1

 005E45

 A1FFFD

 00452F


 BFFFFFF

 002E1A

 DFFFFFF

 001400

 FBFFFF

 000000

 1BAD8F

 1BAD8F

 0AAD8B

 2CAD93

00AD89

3EAD96

4FAD9A

60AD9D

71ADA1

83ADA4

94ADA8

A5ADAB

B7ADAF

Harmonies

Analogous

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



65A969



1BAD8F



00ADB7

Triad

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



1BAD8F



8F93E1



D5865D

Complementary

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



1BAD8F



AD1B39

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.



E37C7D



1BAD8F



C184C9

Square

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



1BAD8F



42A0E6



DD7AA4



B9944B

Rectangle

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



1BAD8F



00ABCD



DD7AA4



DC8266

Sweetspot

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



1BAD8F



A8E0D5



3BAD1B



4F7069



F0F0F0



707070

Same Dimension

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



1BAD8F



00E0B2



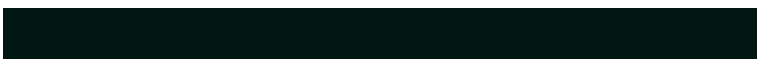
1B84AD



4E5755



009678



001712

Inverse Universe

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



AD1B39



E0002E



AD441B



574E50



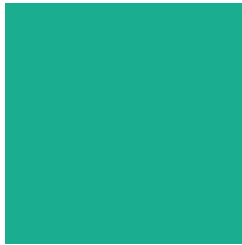
96001F



170005

Previews

White Background



This preview shows how the Hex color 1BAD8F looks on a white background.

Color Contrast Check

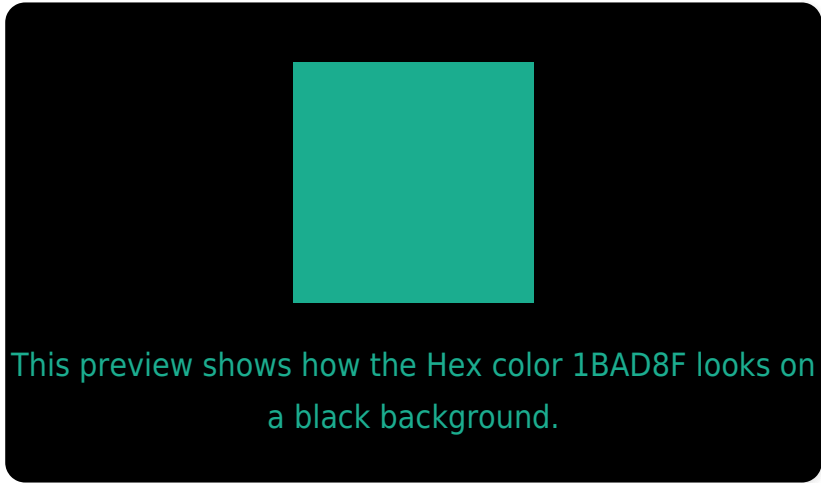
Large Text (above 18pt) WCAG AA × Fail

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 1BAD8F Background



This preview shows how black text looks on a background with the Hex color 1BAD8F.

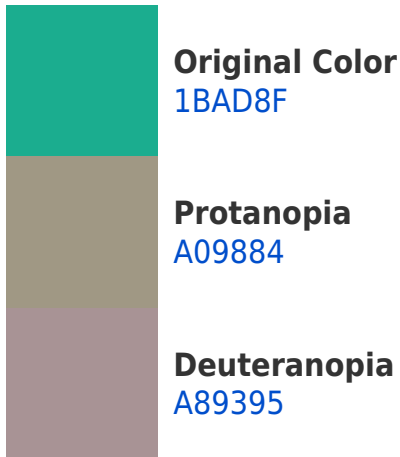


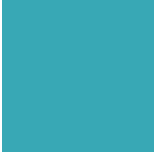
This preview shows how white text looks on a background with the Hex color 1BAD8F.

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
38A8B5

Trichromacy



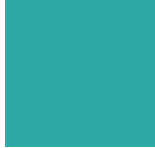
Original Color
1BAD8F



Protanomaly
70A088



Deuteranomaly
759C93



Tritanomaly
2DAAA7

Monochromacy



Original Color
1BAD8F



Achromatopsia
7E7E7E



Achromatomaly
5A8F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BAD8F 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 #1BAD8F looks like.

```
.text, #text, p{  
    color:#1BAD8F  
}
```

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 #1BAD8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BAD8F
}
```

Border

The CSS property to change the border of an element to Hex 1BAD8F 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
#1BAD8F }
```

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

```
.border{ border-color:#1BAD8F }
```

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

Here you see how a box with a 4 pixel #1BAD8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BAD8F; -webkit-box-shadow:4px 4px  
4px 4px #1BAD8F; box-shadow:4px 4px 4px  
4px #1BAD8F }
```

Background

The CSS property to change the background color of an element to Hex 1BAD8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BAD8F }
```

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

```
.background{ background-color:#1BAD8F }
```

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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