

Converting Colors

Hex(1BA894)

Have a look what the booklet for
Hex(1BA894) contains.

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Color

Hex(1BA894)

Conversions

Conversions Part 1

Format	Color
Hex	1BA894
RGB	27, 168, 148
RGB Percent	11%, 66%, 58%
CMY	0.8941, 0.3412, 0.4196
CMYK	0.84, 0.00, 0.12, 0.34
HSL	171°, 72%, 38%
HSV	171°, 84%, 66%
XYZ	19.7999, 30.3764, 32.8366
YIQ	123.5610, -77.6160, -36.1120

Conversions

Conversions Part 2

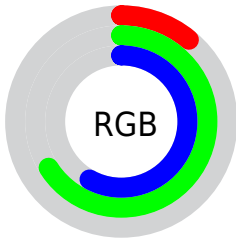
Format	Color
RYB	27, 103, 168
Decimal	1812628
CIELab	61.98, -39.71, 0.32
CIElCh	62, 39.712, 179.533
Yxy	30.3764, 0.2385, 0.3659
Android (android.graphics.Color)	4280002708 (0xFF1BA894)
YUV	123.5610, 12.0484, -84.6840
Hunter-Lab	55.1148, -32.3250, 3.2562

Details

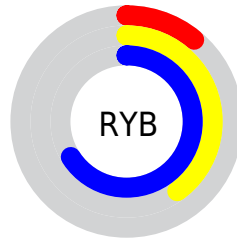
The Hex color **1BA894** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A81B2F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **64E0CA**, and **007361** is the 20% darker color. If you saturate the color by 10%, you get **0AA892**, and if you desaturate by 10%, it is **2CA896**.

Distribution



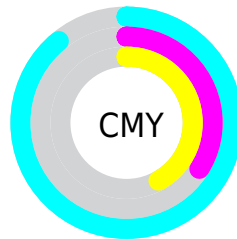
- Red (11%)
- Green (66%)
- Blue (58%)



- Red (11%)
- Yellow (40%)
- Blue (66%)



- Cyan (84%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)



- Cyan (89%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BA894 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 1BA894 by changing the saturation by 10% instead.

 1BA894

 1BA894

FFFFFF

 008D7A

 64E0CA

 007361

 83FDE6

 005A4A

 A0FFFF

 004133

 BEFFFF

 002B1E

 DCFFFF

 000D06

 FAFFFF

 000000

 1BA894

 1BA894

 0AA892

 2CA896

■ 00A890

■ 3DA899

■ 4DA89B

■ 5EA89E

■ 6FA8A0

■ 80A8A2

■ 91A8A5

■ A1A8A7

■ B2A8A9

Harmonies

Analogous

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



5DA571



1BA894



00A7B7

Triad

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



1BA894



988DD3



C8875A

Complementary

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



1BA894



A81B2F

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.



D87C75



1BA894



C180BA

Square

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



1BA894



5C99DC



D67998



AC944E

Rectangle

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



1BA894



00A5CA



D67998



CF8362

Sweetspot

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



1BA894



A4DBD4



30A81B



4D6E69



EDEDED



6E6E6E

Same Dimension

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



1BA894



00DBBC



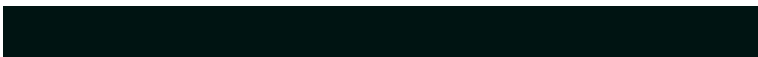
1B77A8



4C5453



00947F



001412

Inverse Universe

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



A81B2F



DB001F



A84C1B



544C4D



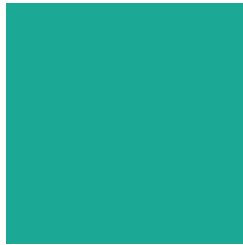
940015



140003

Previews

White Background



This preview shows how the Hex color 1BA894 looks on a white background.

Color Contrast Check

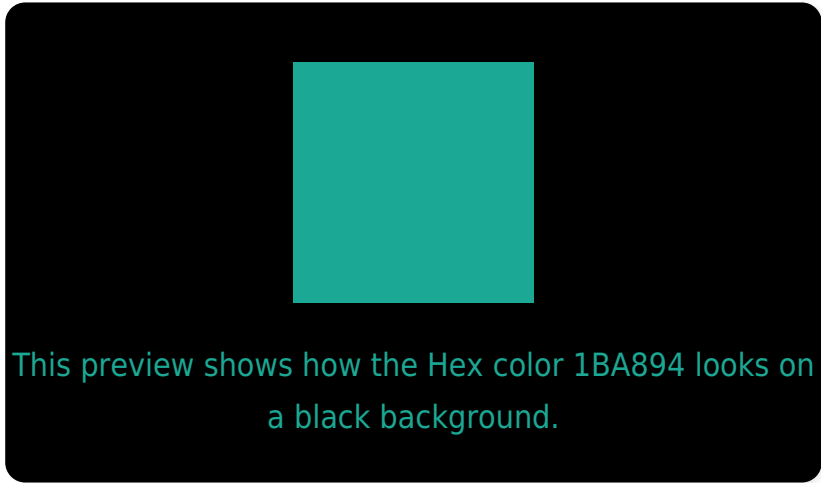
Large Text (above 18pt) WCAG AA × Fail

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

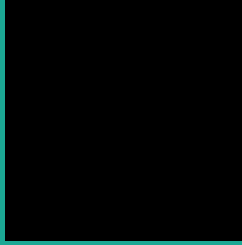
Any Text WCAG AA ✓ Pass

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 1BA894 Background



This preview shows how black text looks on a background with the Hex color 1BA894.

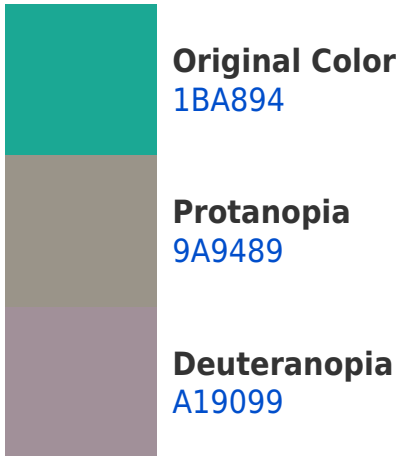


This preview shows how white text looks on a background with the Hex color 1BA894.

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
33A4B1

Trichromacy



Original Color
1BA894



Protanomaly
6C9B8D



Deuteranomaly
709997



Tritanomaly
2AA5A6

Monochromacy



Original Color
1BA894



Achromatopsia
7C7C7C



Achromatomaly
598C85

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BA894 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 #1BA894 looks like.

```
.text, #text, p{  
    color:#1BA894  
}
```

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 #1BA894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BA894
}
```

Border

The CSS property to change the border of an element to Hex 1BA894 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
#1BA894 }
```

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

```
.border{ border-color:#1BA894 }
```

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

Here you see how a box with a 4 pixel #1BA894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BA894; -webkit-box-shadow:4px 4px  
4px 4px #1BA894; box-shadow:4px 4px 4px  
4px #1BA894 }
```

Background

The CSS property to change the background color of an element to Hex 1BA894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BA894 }
```

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

```
.background{ background-color:#1BA894 }
```

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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