

Converting Colors

Hex(1AAB89)

Have a look what the booklet for
Hex(1AAB89) contains.

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Color

Hex(1AAB89)

Conversions

Conversions Part 1

Format	Color
Hex	1AAB89
RGB	26, 171, 137
RGB Percent	10%, 67%, 54%
CMY	0.8980, 0.3294, 0.4627
CMYK	0.85, 0.00, 0.20, 0.33
HSL	166°, 74%, 39%
HSV	166°, 85%, 67%
XYZ	19.5043, 31.1516, 28.6518
YIQ	123.7690, -75.5060, -41.3140

Conversions

Conversions Part 2

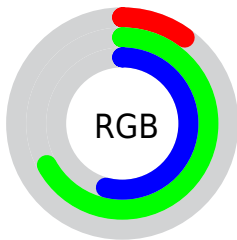
Format	Color
RYB	26, 108, 171
Decimal	1747849
CIELab	62.64, -44.03, 7.42
CIElCh	63, 44.648, 170.439
Yxy	31.1516, 0.2459, 0.3928
Android (android.graphics.Color)	4279937929 (0xFF1AAB89)
YUV	123.7690, 6.5229, -85.7434
Hunter-Lab	55.8136, -35.2963, 8.6331

Details

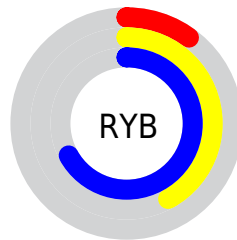
The Hex color **1AAB89** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB1A3C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **64E3BE**, and **007657** is the 20% darker color. If you saturate the color by 10%, you get **09AB85**, and if you desaturate by 10%, it is **2BAB8D**.

Distribution



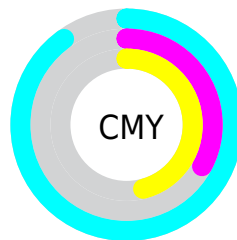
- Red (10%)
- Green (67%)
- Blue (54%)



- Red (10%)
- Yellow (42%)
- Blue (67%)



- Cyan (85%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)



- Cyan (90%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AAB89 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 1AAB89 by changing the saturation by 10% instead.

 1AAB89

 1AAB89

FFFFFF

 009070

 64E3BE

 007657

 82FFDA

 005C40

 A0FFF7

 00432A

 BEFFFF

 002D15

 DBFFFF

 001100

 FAFFFF

 000000

 1AAB89

 1AAB89

 09AB85

 2BAB8D

 00AB83

 3CAB91

 4DAB95

 5EAB99

 6FAB9D

 81ABA1

 92ABA5

 A3ABA9

 B4ABAD

Harmonies

Analogous

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



66A663



1AAB89



00ACB2

Triad

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



1AAB89



8692E2



D6825C

Complementary

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



1AAB89



AB1A3C

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.



E3787E



1AAB89



BC83CA

Square

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



1AAB89



2D9FE5



DB78A6



BA9148

Rectangle

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



1AAB89



00AACA



DB78A6



DC7E66

Sweetspot

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



1AAB89



A6DED1



3EAB1A



4F7068



F0F0F0



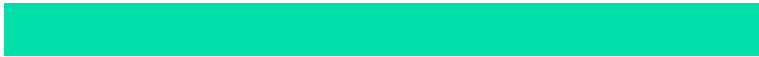
707070

Same Dimension

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



1AAB89



00DEAA



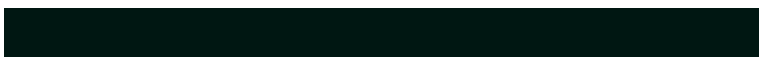
1A87AB



4E5755



009673



001712

Inverse Universe

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



AB1A3C



DE0034



AB3E1A



574E50



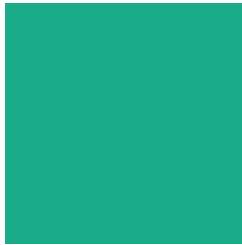
960023



170005

Previews

White Background



This preview shows how the Hex color 1AAB89 looks on a white background.

Color Contrast Check

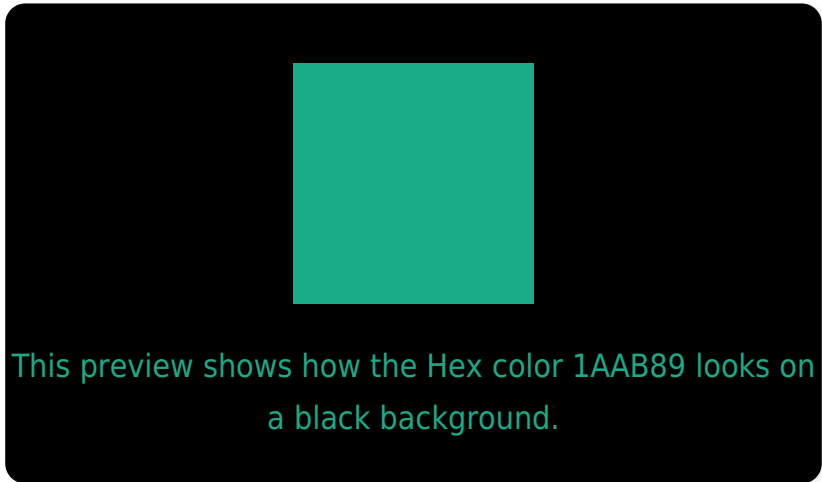
Large Text (above 18pt) WCAG AA × Fail

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

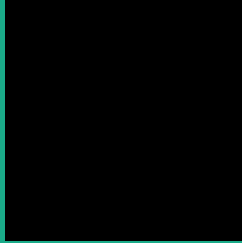
Any Text WCAG AA ✓ Pass

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 1AAB89 Background



This preview shows how black text looks on a background with the Hex color 1AAB89.

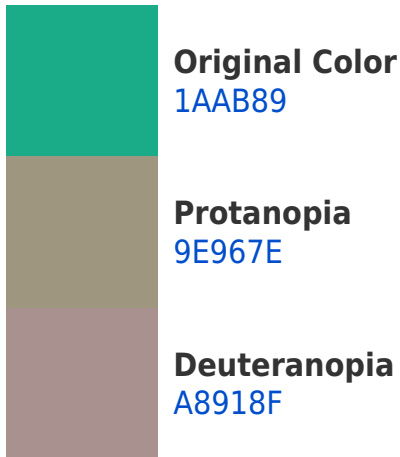


This preview shows how white text looks on a background with the Hex color 1AAB89.

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](#).

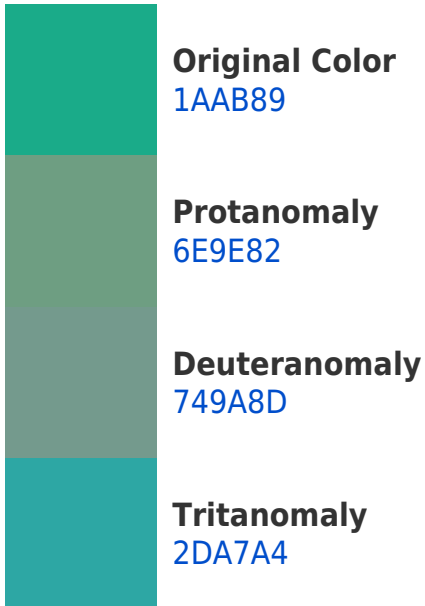
Dichromacy





Tritanopia
38A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1AAB89 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 #1AAB89 looks like.

```
.text, #text, p{  
    color:#1AAB89  
}
```

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 #1AAB89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AAB89
}
```

Border

The CSS property to change the border of an element to Hex 1AAB89 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
#1AAB89 }
```

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

```
.border{ border-color:#1AAB89 }
```

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

Here you see how a box with a 4 pixel #1AAB89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AAB89; -webkit-box-shadow:4px 4px  
4px 4px #1AAB89; box-shadow:4px 4px 4px  
4px #1AAB89 }
```

Background

The CSS property to change the background color of an element to Hex 1AAB89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AAB89 }
```

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

```
.background{ background-color:#1AAB89 }
```

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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