

Converting Colors

Hex(1DAB72)

Have a look what the booklet for
Hex(1DAB72) contains.

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Color

Hex(1DAB72)

Conversions

Conversions Part 1

Format	Color
Hex	1DAB72
RGB	29, 171, 114
RGB Percent	11%, 67%, 45%
CMY	0.8863, 0.3294, 0.5529
CMYK	0.83, 0.00, 0.33, 0.33
HSL	156°, 71%, 39%
HSV	156°, 83%, 67%
XYZ	18.1069, 30.6019, 20.8720
YIQ	122.0440, -66.3350, -47.8310

Conversions

Conversions Part 2

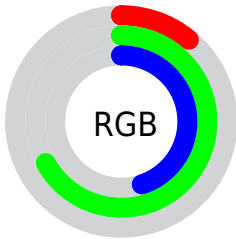
Format	Color
RYB	29, 118, 171
Decimal	1944434
CIELab	62.17, -49.24, 19.46
CIELCh	62, 52.946, 158.438
Yxy	30.6019, 0.2602, 0.4398
Android (android.graphics.Color)	4280134514 (0xFF1DAB72)
YUV	122.0440, -3.9657, -81.5996
Hunter-Lab	55.3190, -38.3822, 16.3530

Details

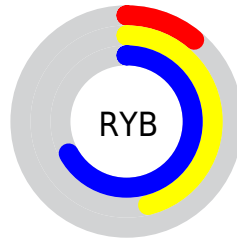
The Hex color **1DAB72** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB1D56**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **64E3A6**, and **007542** is the 20% darker color. If you saturate the color by 10%, you get **0CAB6B**, and if you desaturate by 10%, it is **2EAB79**.

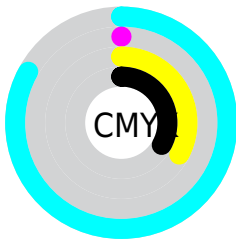
Distribution



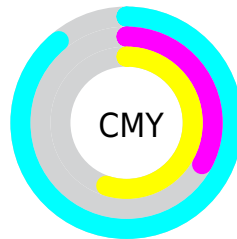
- Red (11%)
- Green (67%)
- Blue (45%)



- Red (11%)
- Yellow (46%)
- Blue (67%)



- Cyan (83%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)



- Cyan (89%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DAB72 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 1DAB72 by changing the saturation by 10% instead.

 1DAB72

 1DAB72

FFFFFF

 009059

 64E3A6

 007542

 82FFC1

 005C2B

 A0FFDD

 004315

 BDFFFA

 002D00

 DBFFFF

 000E00

 F9FFFF

 000000

 1DAB72

 1DAB72

 0CAB6B

 2EAB79

■ 00AB66

■ 3FAB80

■ 50AB87

■ 61AB8D

■ 72AB94

■ 84AB9B

■ 95ABA2

■ A6ABA9

■ B7ABB0

Harmonies

Analogous

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



72A449



1DAB72



00AEA3

Triad

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



1DAB72



5697F3



E6765E

Complementary

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



1DAB72



AB1D56

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.



ED6C8B



1DAB72



AB84E0

Square

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



1DAB72



00A4ED



DA73BA



CC873D

Rectangle

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



1DAB72



00ADC2



DA73BA



EB716C

Sweetspot

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



1DAB72



A6DEC8



58AB1D



4F7063



F0F0F0



707070

Same Dimension

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



1DAB72



00DE85



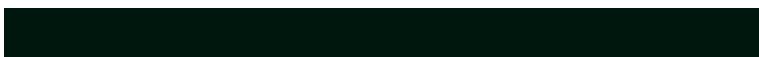
1D9FAB



4E5753



00965A



00170E

Inverse Universe

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



AB1D56



DE0059



AB291D



574E52



96003C



170009

Previews

White Background



This preview shows how the Hex color 1DAB72 looks on a white background.

Color Contrast Check

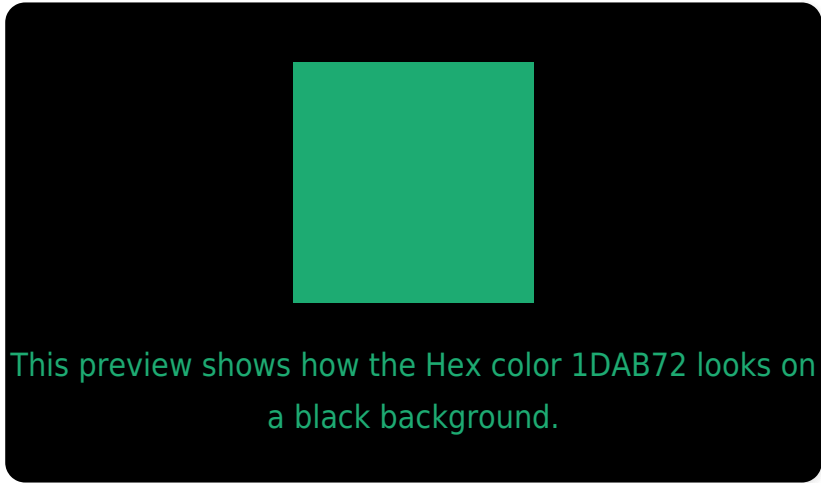
Large Text (above 18pt) WCAG AA × Fail

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

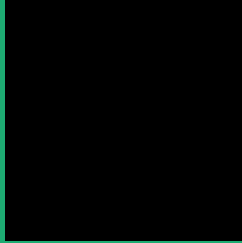
Any Text WCAG AA ✓ Pass

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 1DAB72 Background



This preview shows how black text looks on a background with the Hex color 1DAB72.

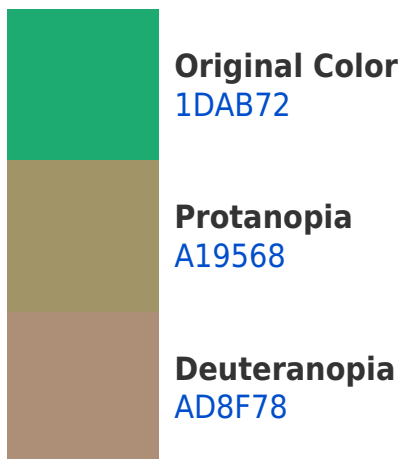


This preview shows how white text looks on a background with the Hex color 1DAB72.

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
40A3B0

Trichromacy



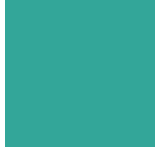
Original Color
1DAB72



Protanomaly
719D6C



Deuteranomaly
799976



Tritanomaly
33A699

Monochromacy



Original Color
1DAB72



Achromatopsia
7A7A7A



Achromatomaly
588C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DAB72 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 #1DAB72 looks like.

```
.text, #text, p{  
    color:#1DAB72  
}
```

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 #1DAB72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DAB72
}
```

Border

The CSS property to change the border of an element to Hex 1DAB72 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
#1DAB72 }
```

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

```
.border{ border-color:#1DAB72 }
```

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

Here you see how a box with a 4 pixel #1DAB72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DAB72; -webkit-box-shadow:4px 4px  
4px 4px #1DAB72; box-shadow:4px 4px 4px  
4px #1DAB72 }
```

Background

The CSS property to change the background color of an element to Hex 1DAB72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DAB72 }
```

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

```
.background{ background-color:#1DAB72 }
```

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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