

Converting Colors

Hex(1ADFD7)

Have a look what the booklet for
Hex(1ADFD7) contains.

Hex(1ADFD7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1ADFD7)

Conversions

Conversions Part 1

Format	Color
Hex	1ADFD7
RGB	26, 223, 215
RGB Percent	10%, 87%, 84%
CMY	0.8980, 0.1255, 0.1569
CMYK	0.88, 0.00, 0.04, 0.13
HSL	178°, 79%, 49%
HSV	178°, 88%, 87%
XYZ	39.0794, 57.9013, 73.4063
YIQ	163.1850, -114.8440, -44.2520

Conversions

Conversions Part 2

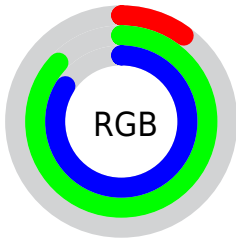
Format	Color
RYB	26, 127, 223
Decimal	1761239
CIELab	80.68, -44.94, -8.67
CIELCh	81, 45.772, 190.923
Yxy	57.9013, 0.2294, 0.3398
Android (android.graphics.Color)	4279951319 (0xFF1ADFD7)
YUV	163.1850, 25.5448, -120.3112
Hunter-Lab	76.0929, -41.4894, -3.9317

Details

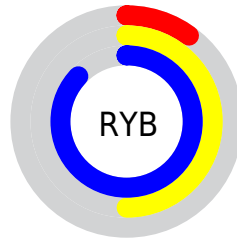
The Hex color **1ADFD7** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DF1A22**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **74FFFF**, and **00A7A0** is the 20% darker color. If you saturate the color by 10%, you get **04DFD6**, and if you desaturate by 10%, it is **30DFD8**.

Distribution



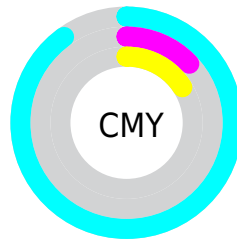
- Red (10%)
- Green (87%)
- Blue (84%)



- Red (10%)
- Yellow (50%)
- Blue (87%)



- Cyan (88%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (90%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1ADFD7 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 1ADFD7 by changing the saturation by 10% instead.

 1ADFD7

 1ADFD7

FFFFFF

 00C3BB

 74FFFF

 00A7A0

 96FFFF

 008C86

 B6FFFF

 00726D

 D6FFFF

 005855

 F5FFFF

 00403E

 002A28

 000614

 000000

 1ADFD7

 1ADFD7

 04DFD6

 30DFD8

 00DFD6

 47DFD9

 5DDFDA

 73DFDB

 8ADFDC

 A0DFDC

 B6DFDD

 CCDFDE

 E3DFDF

Harmonies

Analogous

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



6EDDAB



1ADFD7



00DCFF

Triad

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



1ADFD7



E1B7FF



FBBC78

Complementary

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



1ADFD7



DF1A22

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.



FFAE92



1ADFD7



FFAAE5

Square

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



1ADFD7



A2C7FF



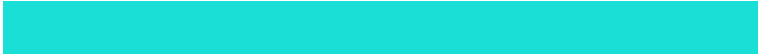
FFA6BA



D4CB73

Rectangle

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



1ADFD7



2AD8FF



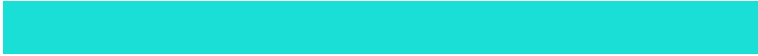
FFA6BA



FFB77E

Sweetspot

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



1ADFD7



BAFFFC



24DF1A



57807E



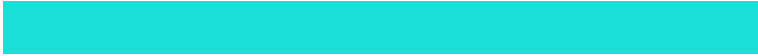
000000



808080

Same Dimension

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



1ADFD7



00FFF5



1A86DF



657070



00B0A9



00302E

Inverse Universe

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



DF1A22



FF000A



DF731A



706565



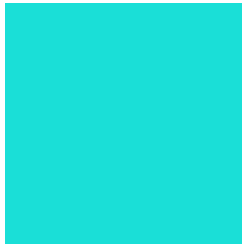
B00007



300002

Previews

White Background



This preview shows how the Hex color 1ADFD7 looks on a white background.

Color Contrast Check

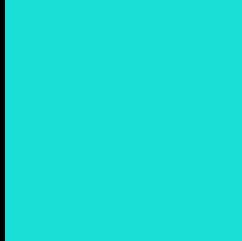
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 1ADFD7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

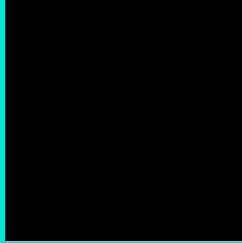
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

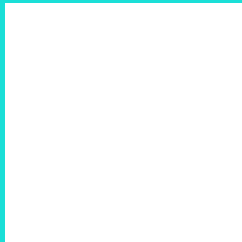
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1ADFD7 Background



This preview shows how black text looks on a background with the Hex color 1ADFD7.

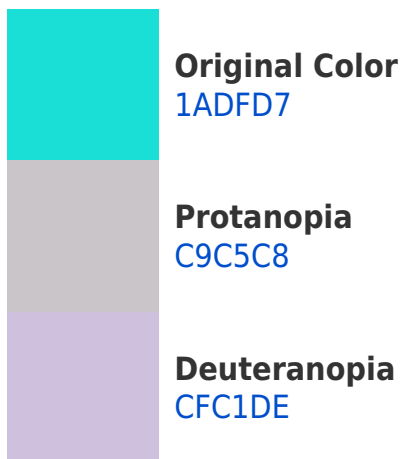


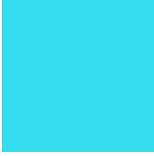
This preview shows how white text looks on a background with the Hex color 1ADFD7.

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
35DCED

Trichromacy



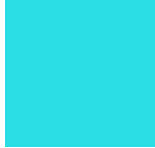
Original Color
1ADF D7



Protanomaly
89CE CD



Deuteranomaly
8DCC DB

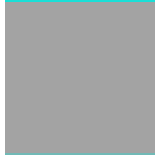


Tritanomaly
2BDDE 5

Monochromacy



Original Color
1ADF D7



Achromatopsia
A3A3 A3



Achromatomaly
71B9 B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 1ADFD7 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 #1ADFD7 looks like.

```
.text, #text, p{  
    color:#1ADFD7  
}
```

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 #1ADFD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ADFD7
}
```

Border

The CSS property to change the border of an element to Hex 1ADFD7 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
#1ADFD7 }
```

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

```
.border{ border-color:#1ADFD7 }
```

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

Here you see how a box with a 4 pixel #1ADFD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ADFD7; -webkit-box-shadow:4px 4px  
4px 4px #1ADFD7; box-shadow:4px 4px 4px  
4px #1ADFD7 }
```

Background

The CSS property to change the background color of an element to Hex 1ADFD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ADFD7 }
```

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

```
.background{ background-color:#1ADFD7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor