

Converting Colors

Hex(1AFECC)

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

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Color

Hex(1AFECC)

Conversions

Conversions Part 1

Format	Color
Hex	1AFECC
RGB	26, 254, 204
RGB Percent	10%, 100%, 80%
CMY	0.8980, 0.0039, 0.2000
CMYK	0.90, 0.00, 0.20, 0.00
HSL	167°, 99%, 55%
HSV	167°, 90%, 100%
XYZ	46.7669, 75.4629, 69.2277
YIQ	180.1280, -119.8380, -63.8860

Conversions

Conversions Part 2

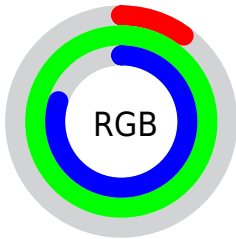
Format	Color
RYB	26, 154, 254
Decimal	1769164
CIELab	89.61, -60.48, 10.11
CIELCh	90, 61.319, 170.512
Yxy	75.4629, 0.2443, 0.3941
Android (android.graphics.Color)	4279959244 (0xFF1AFECC)
YUV	180.1280, 11.7689, -135.1703
Hunter-Lab	86.8694, -55.9243, 13.5594

Details

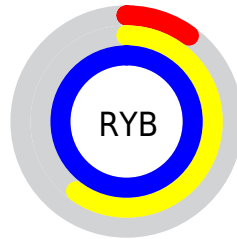
The Hex color **1AFECC** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **FE1A4C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **79FFFF**, and **00C496** is the 20% darker color. If you saturate the color by 10%, you get **01FEC6**, and if you desaturate by 10%, it is **33FED2**.

Distribution



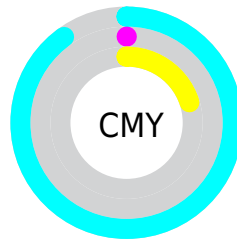
- Red (10%)
- Green (100%)
- Blue (80%)



- Red (10%)
- Yellow (60%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 1AFECC

 1AFECC

FFFFFF

 00E1B1

 79FFFF

 00C496

 9CFFFF

 00A87C

 BCFFFF

 008D63

 DDFFFF

 00724B

 FDFFFF

 005834

 003F1F

 002708

 000000

 1AFECC

 1AFEEC

 01FEC6

 33FED2

 00FEC6

 4DFED7

 66FEDD

 80FEE2

 99FEE8

 B2FEED

 CCFEF3

 E5FEF9

FFFEFE

Harmonies

Analogous

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



98F794



1AFECC



00FFFF

Triad

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



1AFECC



C8D9FF



FFC289

Complementary

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



1AFECC



FE1A4C

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.



FFB2BB



1AFECC



FFC2FF

Square

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



1AFECC



3BEDFF



FFB2F6



FFD86B

Rectangle

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



1AFECC



00FCFF



FFB2F6



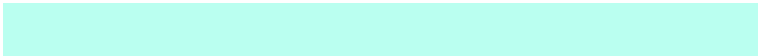
FFBC98

Sweetspot

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



1AFECC



BAFFF0



4FFE1A



578077



000000



808080

Same Dimension

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



1AFECC



00FFC7



1AC1FE



73807D



00BF95



004032

Inverse Universe

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



FE1A4C



FF0038



FE571A



807376



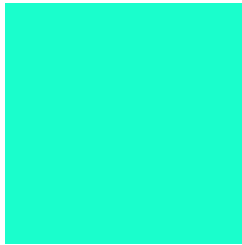
BF002A



40000E

Previews

White Background



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

Color Contrast Check

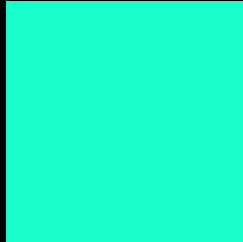
Large Text (above 18pt) WCAG AA × Fail

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 1AFECC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

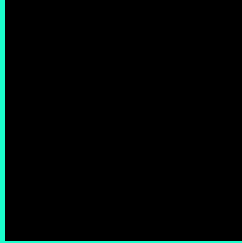
Any Text WCAG AA ✓ Pass

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 1AFECC Background



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

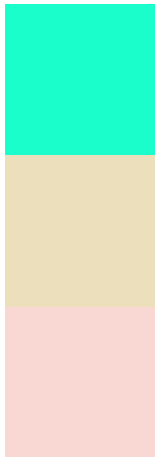


This preview shows how white text looks on a background with the Hex color 1AFECC.

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](#).

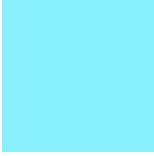
Dichromacy



Original Color
1AFECC

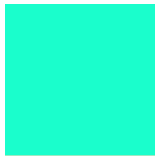
Protanopia
EBDFBC

Deuteranopia
F9D8D4

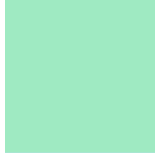


Tritanopia
89F0FF

Trichromacy



Original Color
1AFECC



Protanomaly
9FEAC2



Deuteranomaly
A8E6D1

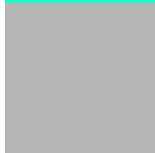


Tritanomaly
61F5EC

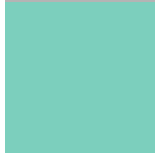
Monochromacy



Original Color
1AFECC



Achromatopsia
B4B4B4



Achromatomaly
7CCFBD

CSS Examples

Text

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

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

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 #1AFECC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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