

Converting Colors

Hex(1AFFB2)

Have a look what the booklet for
Hex(1AFFB2) contains.

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Color

Hex(1AFFB2)

Conversions

Conversions Part 1

Format	Color
Hex	1AFFB2
RGB	26, 255, 178
RGB Percent	10%, 100%, 70%
CMY	0.8980, 0.0000, 0.3020
CMYK	0.90, 0.00, 0.30, 0.00
HSL	160°, 100%, 55%
HSV	160°, 90%, 100%
XYZ	44.2219, 74.9540, 54.2563
YIQ	177.7510, -111.7670, -72.4950

Conversions

Conversions Part 2

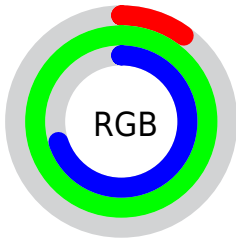
Format	Color
RYB	26, 164, 255
Decimal	1769394
CIELab	89.37, -66.75, 23.11
CIELCh	89, 70.638, 160.899
Yxy	74.9540, 0.2550, 0.4322
Android (android.graphics.Color)	4279959474 (0xFF1AFFB2)
YUV	177.7510, 0.1228, -133.0856
Hunter-Lab	86.5760, -60.3324, 23.4467

Details

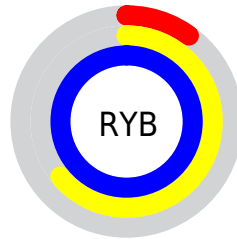
The Hex color **1AFFB2** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF1A67**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **78FFEA**, and **00C57D** is the 20% darker color. If you saturate the color by 10%, you get **00FFA9**, and if you desaturate by 10%, it is **33FFBB**.

Distribution



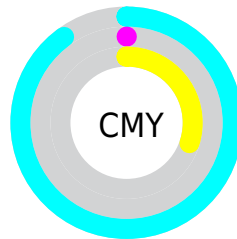
- Red (10%)
- Green (100%)
- Blue (70%)



- Red (10%)
- Yellow (64%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (90%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AFFB2 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 1AFFB2 by changing the saturation by 10% instead.

 1AFFB2

FFFFFF

 78FFEA

 9BFFFF

 BBFFFF

 DCFFFF

 FCFFFF

 1AFFB2

 00E297

 00C57D

 00A964

 008D4B

 007234

 00581E

 003F07

 002600

 000000

 1AFFB2

 1AFFB2

 00FFA9

 33FFBB

 4DFFC3

 66FFCC

 80FFD4

 99FFDD

 B3FFE5

 CCFFEE

 E6FFF7

FFFFFF

Harmonies

Analogous

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



A5F676



1AFFB2



00FF8

Triad

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



1AFFB2



93E0FF



FFB48B

Complementary

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



1AFFB2



FF1A67

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.



FFA5CA



1AFFB2



FFC5FF

Square

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



1AFFB2



00F4FF



FFACFF



FFCD5E

Rectangle

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



1AFFB2



00FFFF



FFACFF



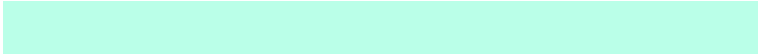
FFAD9F

Sweetspot

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



1AFFB2



BAFFE8



6AFF1A



578072



000000



808080

Same Dimension

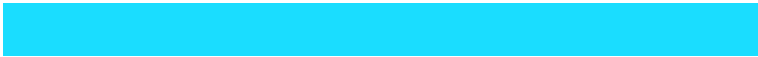
The Same Dimension uses a secret algorithm to generate beautiful new colors.



1AFFB2



00FFA9



1ADDFE



73807B



00BF7F



00402A

Inverse Universe

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



FF1A67



FF0056



FF3C1A



807377



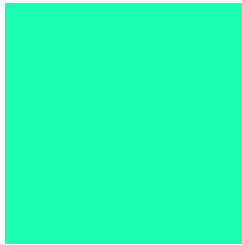
BF0040



400015

Previews

White Background



This preview shows how the Hex color 1AFFB2 looks on a white background.

Color Contrast Check

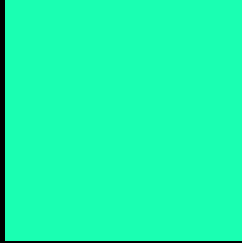
Large Text (above 18pt) WCAG AA × Fail

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 1AFFB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

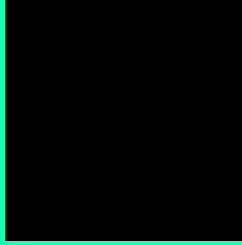
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

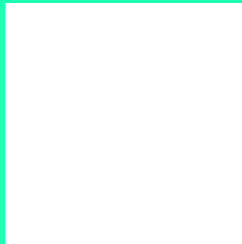
Any Text WCAG AAA ✓ Pass

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

Hex 1AFFB2 Background



This preview shows how black text looks on a background with the Hex color 1AFFB2.

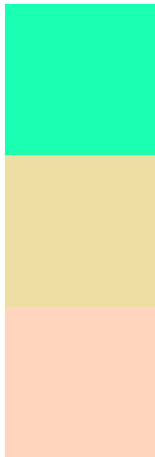


This preview shows how white text looks on a background with the Hex color 1AFFB2.

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](#).

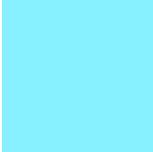
Dichromacy



Original Color
1AFFB2

Protanopia
EFDEA3

Deuteranopia
FFD6BD



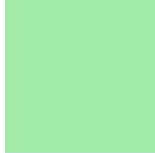
Tritanopia
87EFFF

Trichromacy



Original Color

1AFFB2



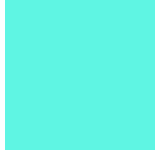
Protanomaly

A2EAA8



Deuteranomaly

ACE5B9



Tritanomaly

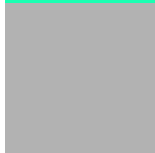
5FF5E3

Monochromacy



Original Color

1AFFB2



Achromatopsia

B2B2B2



Achromatomaly

7BCEB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AFFB2 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 #1AFFB2 looks like.

```
.text, #text, p{  
    color:#1AFFB2  
}
```

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 #1AFFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AFFB2
}
```

Border

The CSS property to change the border of an element to Hex 1AFFB2 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
#1AFFB2 }
```

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

```
.border{ border-color:#1AFFB2 }
```

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

Here you see how a box with a 4 pixel #1AFFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AFFB2; -webkit-box-shadow:4px 4px  
4px 4px #1AFFB2; box-shadow:4px 4px 4px  
4px #1AFFB2 }
```

Background

The CSS property to change the background color of an element to Hex 1AFFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AFFB2 }
```

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

```
.background{ background-color:#1AFFB2 }
```

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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