

Converting Colors

Hex(0AFAAC)

Have a look what the booklet for
Hex(0AFAAC) contains.

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Color

Hex(0AFAAC)

Conversions

Conversions Part 1

Format	Color
Hex	0AFAAC
RGB	10, 250, 172
RGB Percent	4%, 98%, 67%
CMY	0.9608, 0.0196, 0.3255
CMYK	0.96, 0.00, 0.31, 0.02
HSL	160°, 96%, 51%
HSV	160°, 96%, 98%
XYZ	41.7572, 71.4143, 50.6132
YIQ	169.3480, -118.0020, -75.1380

Conversions

Conversions Part 2

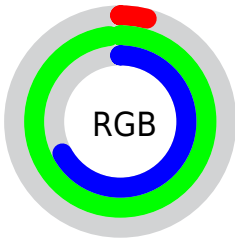
Format	Color
RYB	10, 153, 250
Decimal	719532
CIELab	87.69, -66.82, 23.84
CIElCh	88, 70.945, 160.364
Yxy	71.4143, 0.2550, 0.4360
Android (android.graphics.Color)	4278909612 (0xFF0AFAAC)
YUV	169.3480, 1.3074, -139.7482
Hunter-Lab	84.5070, -59.6856, 23.6447

Details

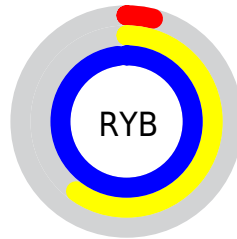
The Hex color **0AFAAC** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **FA0A58**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **74FFE4**, and **00C077** is the 20% darker color. If you saturate the color by 10%, you get **00FAA9**, and if you desaturate by 10%, it is **23FAB4**.

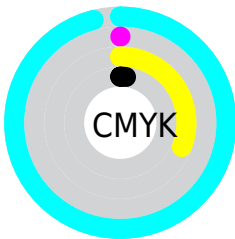
Distribution



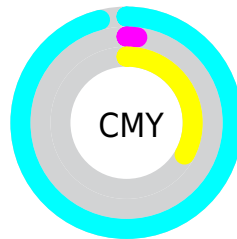
- Red (4%)
- Green (98%)
- Blue (67%)



- Red (4%)
- Yellow (60%)
- Blue (98%)



- Cyan (96%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)



- Cyan (96%)
- Magenta (2%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AFAAC 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 0AFAAC by changing the saturation by 10% instead.

 0AFAAC

 0AFAAC

FFFFFF

 00DD91

 74FFE4

 00C077

 96FFFF

 00A45E

 B7FFFF

 008846

 D7FFFF

 006E2F

 F7FFFF

 005419

 003B00

 002200

 000000

 0AFAAC

 0AFAAC

 00FAA9

 23FAB4

 3CFABC

 55FAC4

 6EFACD

 87FAD5

 A0FADD

 B9FAE5

 D2FAED

 EBF AF5

Harmonies

Analogous

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



A2F170



0AFAAC



00DF2

Triad

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



0AFAAC



8ADBFF



FFAF88

Complementary

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



0AFAAC



FA0A58

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.



FF9FC7



0AFAAC



FFC0FF

Square

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



0AFAAC



00EFFF



FFA7FF



FFC859

Rectangle

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



0AFAAC



00FCFF



FFA7FF



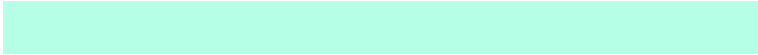
FFA89B

Sweetspot

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



0AFAAC



B5FFE7



5AFA0A



538071



000000



808080

Same Dimension

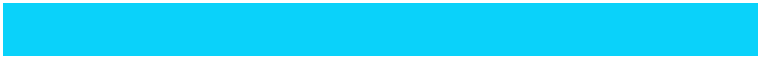
The Same Dimension uses a secret algorithm to generate beautiful new colors.



0AFAAC



00FFAC



0AD2FA



707D79



00BD7F



003D29

Inverse Universe

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



FA0A58



FF0053



FA320A



7D7075



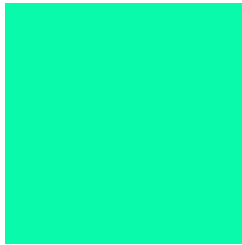
BD003D



3D0014

Previews

White Background



This preview shows how the Hex color 0AFAAC looks on a white background.

Color Contrast Check

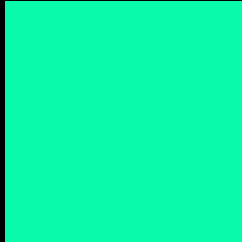
Large Text (above 18pt) WCAG AA × Fail

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 0AFAAC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

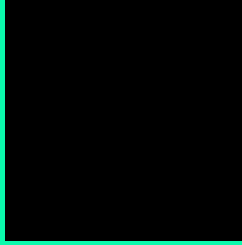
Any Text WCAG AA ✓ Pass

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 0AFAAC Background



This preview shows how black text looks on a background with the Hex color 0AFAAC.

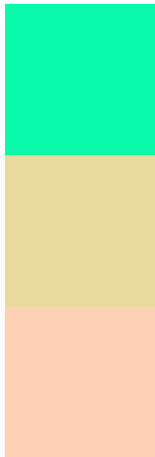


This preview shows how white text looks on a background with the Hex color 0AFAAC.

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
0AFAAC

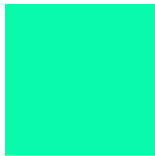
Protanopia
EAD99D

Deuteranopia
FCD1B5



Tritanopia
6BEDFF

Trichromacy



Original Color
0AFAAC



Protanomaly
99E5A2



Deuteranomaly
A4E0B2

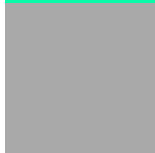


Tritanomaly
48F2E1

Monochromacy



Original Color
0AFAAC



Achromatopsia
A9A9A9



Achromatomaly
6FC6AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AFAAC 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 #0AFAAC looks like.

```
.text, #text, p{  
    color:#0AFAAC  
}
```

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 #0AFAAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AFAAC
}
```

Border

The CSS property to change the border of an element to Hex 0AFAAC 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
#0AFAAC }
```

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

```
.border{ border-color:#0AFAAC }
```

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

Here you see how a box with a 4 pixel #0AFAAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AFAAC; -webkit-box-shadow:4px 4px  
4px 4px #0AFAAC; box-shadow:4px 4px 4px  
4px #0AFAAC }
```

Background

The CSS property to change the background color of an element to Hex 0AFAAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AFAAC }
```

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

```
.background{ background-color:#0AFAAC }
```

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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