

# Converting Colors

Hex(00F7AC)

Have a look what the booklet for  
Hex(00F7AC) contains.

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# Color

Hex(00F7AC)

# Conversions

## Conversions Part 1

Format	Color
Hex	00F7AC
RGB	0, 247, 172
RGB Percent	0%, 97%, 67%
CMY	1.0000, 0.0314, 0.3255
CMYK	1.00, 0.00, 0.30, 0.03
HSL	162°, 100%, 48%
HSV	162°, 100%, 97%
XYZ	40.7072, 69.5001, 50.2991
YIQ	164.5970, -123.1370, -75.6890

# Conversions

## Conversions Part 2

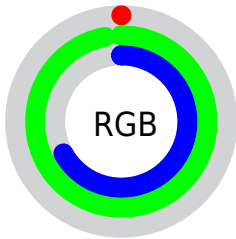
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 146, 247
Decimal	63404
CIELab	86.75, -66.00, 22.55
CIELCh	87, 69.749, 161.137
Yxy	69.5001, 0.2536, 0.4330
Android (android.graphics.Color)	4278253484 (0xFF00F7AC)
YUV	164.5970, 3.6497, -144.3516
Hunter-Lab	83.3667, -58.7319, 22.5842

# Details

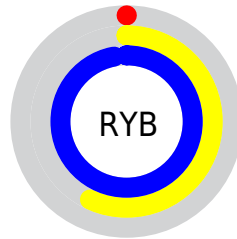
The Hex color **00F7AC** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F7004B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **72FFE4**, and **00BD77** is the 20% darker color. If you saturate the color by 10%, you get **00F7AC**, and if you desaturate by 10%, it is **19F7B3**.

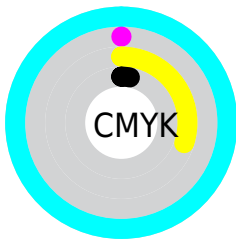
# Distribution



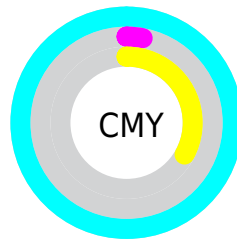
- Red (0%)
- Green (97%)
- Blue (67%)



- Red (0%)
- Yellow (57%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F7AC 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 00F7AC by changing the saturation by 10% instead.



 00F7AC

FFFFFF

 72FFE4

 94FFFF

 B5FFFF

 D5FFFF

 F5FFFF

 00F7AC

 00DA91

 00BD77

 00A15E

 008646

 006B2F

 005119

 003901

 001F00

 000000

 00F7AC

 19F7B3

 31F7BB

 4AF7C3

 63F7CA

 7CF7D2

 94F7D9

 ADF7E1

 C6F7E8

 DEF7F0

# Harmonies

## Analogous

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



9EEE70



00F7AC



00FAF1

# Triad

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



00F7AC



8ED8FF



FFAE85

# Complementary

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



00F7AC



F7004B

# 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.



FF9EC3



00F7AC



FDBDFF

# Square

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



00F7AC



00ECFF



FFA5FF



FFC758

# Rectangle

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



00F7AC



00F9FF



FFA5FF



FFA798

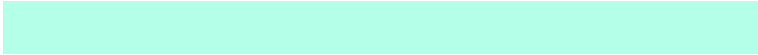


# Sweetspot

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



00F7AC



B3FFE8



4EF700



528072



000000



808080



# Same Dimension

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



00F7AC



00FFB2



00CAF7



6E7A77



00BA82



003B29



# Inverse Universe

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



F7004B



FF004D



F72D00



7A6E72



BA0039



3B0012



# Previews

## White Background



This preview shows how the Hex color 00F7AC looks on a white background.

## Color Contrast Check

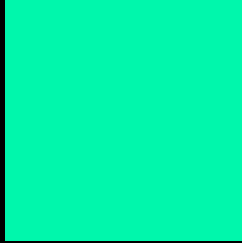
Large Text (above 18pt) WCAG AA × Fail

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 00F7AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

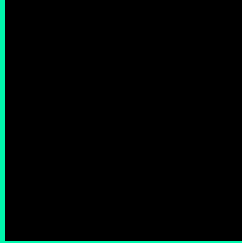
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00F7AC Background



This preview shows how black text looks on a background with the Hex color 00F7AC.

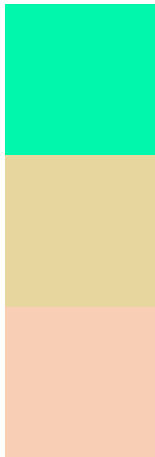


This preview shows how white text looks on a background with the Hex color 00F7AC.

# 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](#).

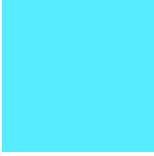
## Dichromacy



**Original Color**  
00F7AC

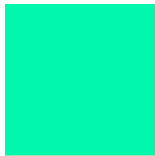
**Protanopia**  
E7D79E

**Deuteranopia**  
F8CFB5



**Tritanopia**  
57ECFF

# Trichromacy



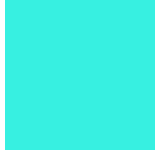
**Original Color**  
00F7AC



**Protanomaly**  
93E3A3



**Deuteranomaly**  
9EDEB2

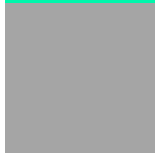


**Tritanomaly**  
37F0E1

# Monochromacy



**Original Color**  
00F7AC



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
69C3A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F7AC 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 #00F7AC looks like.

```
.text, #text, p{  
    color:#00F7AC  
}
```

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 #00F7AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7AC
}
```

## Border

The CSS property to change the border of an element to Hex 00F7AC 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
#00F7AC }
```

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

```
.border{ border-color:#00F7AC }
```

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

Here you see how a box with a 4 pixel #00F7AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7AC; -webkit-box-shadow:4px 4px  
4px 4px #00F7AC; box-shadow:4px 4px 4px  
4px #00F7AC }
```

# Background

The CSS property to change the background color of an element to Hex 00F7AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7AC }
```

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

```
.background{ background-color:#00F7AC }
```

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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