

# Converting Colors

Hex(00F4A0)

Have a look what the booklet for  
Hex(00F4A0) contains.

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# Color

Hex(00F4A0)

# Conversions

## Conversions Part 1

Format	Color
Hex	00F4A0
RGB	0, 244, 160
RGB Percent	0%, 96%, 63%
CMY	1.0000, 0.0431, 0.3725
CMYK	1.00, 0.00, 0.34, 0.04
HSL	159°, 100%, 48%
HSV	159°, 100%, 96%
XYZ	38.6958, 67.2394, 44.1967
YIQ	161.4680, -118.4600, -77.8520

# Conversions

## Conversions Part 2

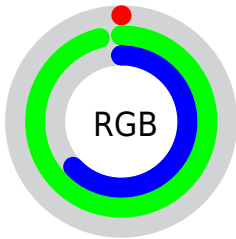
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 147, 244
Decimal	62624
CIELab	85.62, -67.46, 27.13
CIELCh	86, 72.712, 158.091
Yxy	67.2394, 0.2577, 0.4479
Android (android.graphics.Color)	4278252704 (0xFF00F4A0)
YUV	161.4680, -0.7237, -141.6074
Hunter-Lab	81.9997, -59.2648, 25.4432

# Details

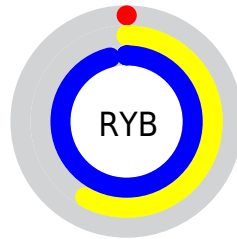
The Hex color **00F4A0** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F40054**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **71FFD7**, and **00BA6C** is the 20% darker color. If you saturate the color by 10%, you get **00F4A0**, and if you desaturate by 10%, it is **18F4A8**.

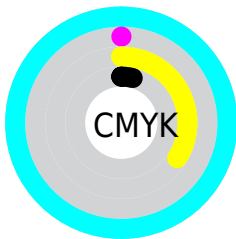
# Distribution



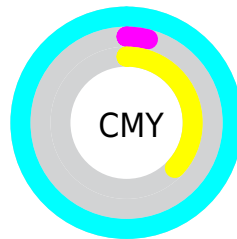
- Red (0%)
- Green (96%)
- Blue (63%)



- Red (0%)
- Yellow (58%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F4A0 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 00F4A0 by changing the saturation by 10% instead.



 00F4A0

 00F4A0

FFFFFF

 00D786

 71FFD7

 00BA6C

 93FFF4

 009E53

 B3FFF4

 00833B

 D4FFF4

 006824

 F3FFF4

 004E0D

 003700

 001C00

 000000

 00F4A0

 18F4A8

 31F4B1

 49F4B9

 62F4C2

 7AF4CA

 92F4D2

 ABF4DB

 C3F4E3

 DCF4EC

# Harmonies

## Analogous

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



A0EA63



00F4A0



00F8E7

# Triad

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



00F4A0



70D7FF



FFA685

# Complementary

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



00F4A0



F40054

# 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.



FF97C6



00F4A0



F2BCFF

# Square

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



00F4A0



00EBFF



FFA1FF



FFC053

# Rectangle

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



00F4A0



00F7FF



FFA1FF



FF9E99

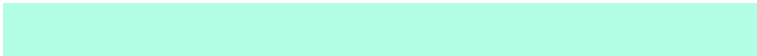


# Sweetspot

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



00F4A0



B3FFE5



55F400



528070



000000



808080



# Same Dimension

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



00F4A0



00FFA7



00CFF4



6E7A76



00BA7A



003B26



# Inverse Universe

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



F40054



FF0058



F42500



7A6E72



BA0040

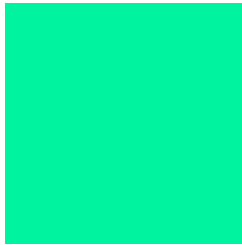


3B0014



# Previews

## White Background



This preview shows how the Hex color 00F4A0 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 00F4A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

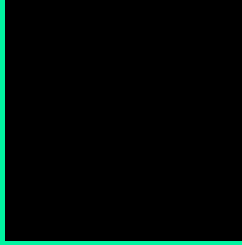
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00F4A0 Background



This preview shows how black text looks on a background with the Hex color 00F4A0.

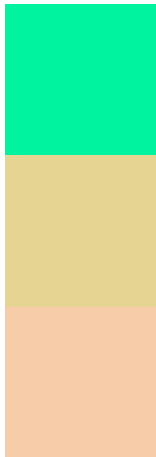


This preview shows how white text looks on a background with the Hex color 00F4A0.

# 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](#).

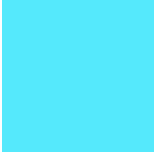
## Dichromacy



**Original Color**  
00F4A0

**Protanopia**  
E5D492

**Deuteranopia**  
F7CCA9



**Tritanopia**  
55E9FC

# Trichromacy



**Original Color**  
00F4A0



**Protanomaly**  
92E097



**Deuteranomaly**  
9DDBA6



**Tritanomaly**  
36EDDB

# Monochromacy



**Original Color**  
00F4A0



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
66BFA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F4A0 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 #00F4A0 looks like.

```
.text, #text, p{  
    color:#00F4A0  
}
```

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 #00F4A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F4A0
}
```

## Border

The CSS property to change the border of an element to Hex 00F4A0 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
#00F4A0 }
```

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

```
.border{ border-color:#00F4A0 }
```

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

Here you see how a box with a 4 pixel #00F4A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F4A0; -webkit-box-shadow:4px 4px  
4px 4px #00F4A0; box-shadow:4px 4px 4px  
4px #00F4A0 }
```

# Background

The CSS property to change the background color of an element to Hex 00F4A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F4A0 }
```

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

```
.background{ background-color:#00F4A0 }
```

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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