

Converting Colors

Hex(00F7B4)

Have a look what the booklet for
Hex(00F7B4) contains.

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Color

Hex(00F7B4)

Conversions

Conversions Part 1

Format	Color
Hex	00F7B4
RGB	0, 247, 180
RGB Percent	0%, 97%, 71%
CMY	1.0000, 0.0314, 0.2941
CMYK	1.00, 0.00, 0.27, 0.03
HSL	164°, 100%, 48%
HSV	164°, 100%, 97%
XYZ	41.4990, 69.8168, 54.4688
YIQ	165.5090, -125.7050, -73.2010

Conversions

Conversions Part 2

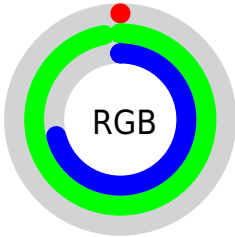
Format	Color
RYB	0, 143, 247
Decimal	63412
CIELab	86.91, -64.25, 18.66
CIELCh	87, 66.902, 163.805
Yxy	69.8168, 0.2503, 0.4211
Android (android.graphics.Color)	4278253492 (0xFF00F7B4)
YUV	165.5090, 7.1441, -145.1514
Hunter-Lab	83.5565, -57.5703, 19.8396

Details

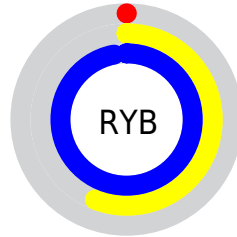
The Hex color **00F7B4** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **F70043**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **72FFEC**, and **00BD7F** is the 20% darker color. If you saturate the color by 10%, you get **00F7B4**, and if you desaturate by 10%, it is **19F7BB**.

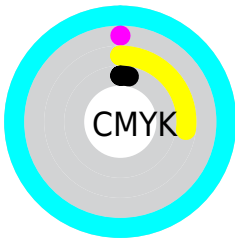
Distribution



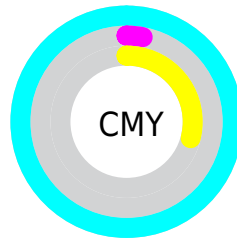
- Red (0%)
- Green (97%)
- Blue (71%)



- Red (0%)
- Yellow (56%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00F7B4 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 00F7B4 by changing the saturation by 10% instead.

 00F7B4

 00F7B4

FFFFFF

 00DA99

 72FFEC

 00BD7F

 94FFFF

 00A166

 B5FFFF

 00864E

 D5FFFF

 006B36

 F5FFFF

 005120

 00390B

 002000

 000000

 00F7B4

 19F7BB

 31F7C1

 4AF7C8

 63F7CF

 7CF7D6

 94F7DC

 ADF7E3

 C6F7EA

 DEF7F0

Harmonies

Analogous

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



9AEF7A



00F7B4



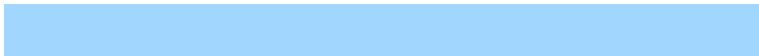
00F9F6

Triad

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



00F7B4



A0D6FF



FFB284

Complementary

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



00F7B4



F70043

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.



FFA3BF



00F7B4



FFBDFF

Square

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



00F7B4



00EAF7



FFA700



FF00FF

Rectangle

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



00F7B4



00F8FF



FFA7FF



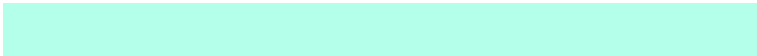
FFAB96

Sweetspot

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



00F7B4



B3FFEA



46F700



528073



000000



808080

Same Dimension

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



00F7B4



00FFBA



00C1F7



6E7A77



00BA88



003B2B

Inverse Universe

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



F70043



FF0045



F73600



7A6E71



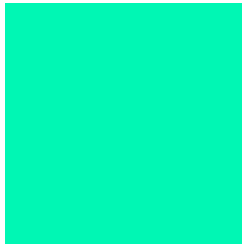
BA0032



3B0010

Previews

White Background



This preview shows how the Hex color 00F7B4 looks on a white background.

Color Contrast Check

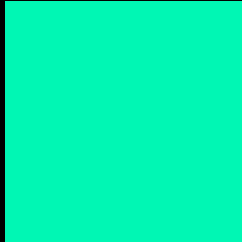
Large Text (above 18pt) WCAG AA × Fail

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 00F7B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

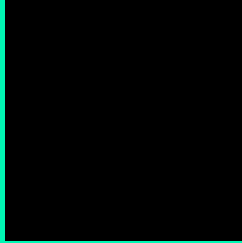
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

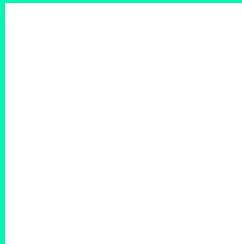
Any Text WCAG AAA ✓ Pass

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

Hex 00F7B4 Background



This preview shows how black text looks on a background with the Hex color 00F7B4.

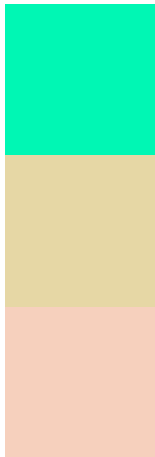


This preview shows how white text looks on a background with the Hex color 00F7B4.

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](#).

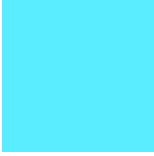
Dichromacy



Original Color
00F7B4

Protanopia
E6D7A5

Deuteranopia
F6D0BD



Tritanopia
5AECFF

Trichromacy



Original Color
00F7B4



Protanomaly
92E3AA



Deuteranomaly
9DDEBA



Tritanomaly
39F0E4

Monochromacy



Original Color
00F7B4



Achromatopsia
A6A6A6



Achromatomaly
6AC3AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 00F7B4 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 #00F7B4 looks like.

```
.text, #text, p{  
    color:#00F7B4  
}
```

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 #00F7B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F7B4
}
```

Border

The CSS property to change the border of an element to Hex 00F7B4 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
#00F7B4 }
```

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

```
.border{ border-color:#00F7B4 }
```

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

Here you see how a box with a 4 pixel #00F7B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F7B4; -webkit-box-shadow:4px 4px  
4px 4px #00F7B4; box-shadow:4px 4px 4px  
4px #00F7B4 }
```

Background

The CSS property to change the background color of an element to Hex 00F7B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F7B4 }
```

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

```
.background{ background-color:#00F7B4 }
```

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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