

# Using NFC Tools to Read/Write NFC tag

## What is NFC Tools?

NFC Tools is an app which allows you to read, write and program tasks on your NFC tags and other compatible NFC chips.

Simple and intuitive, NFC Tools can record standard information on your NFC tags which will be compatible with any NFC device. For instance, you can easily store your contact details, an URL, a phone number, your social profile or even a location.



We have another **tutorial** which shows you how to read and write an NFC tag using the Arduino, which is more intensive and useful if you have other interactive components in your project involving Arduino..

## Types of Tag

In this tutorial, we are using **NTAG203**, NTAG215 or NTAG216 should work fine as well. You **cannot** use MIFARE Classic tag or card.

## Steps

1. Download the app, it is available for both iPhone and Android.

2. Choose Write.

Signal strength icon O2-UK Wi-Fi icon

2:13 pm

Location icon Alarm icon 13% Battery icon



NFC Tools



# Welcome to NFC Tools



Read



Write



Other

3. Add a record.

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⏪ Menu

Write

Edit



Add a record



More options



Write

4. `URL/URI` to open a link, there are other functions that you can explore.

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2:13 pm

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< Write

Add a record



Text

Add a text record



URL / URI

Add a URL record



Custom URL / URI

Add a URI record



Unit.Link

Share everything with one link



Application

Add application record



Social networks

Add a social network link



5. Put in your link.

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⏪ Back

Add a record

OK



URL / URI

Enter your URL

https://

EDIT

www.youtube.com



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6. Hold the tag near your phone and press Write.

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2:13 pm

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 Menu

Write

Edit



Add a record



More options



Write / 16 Bytes



URL / URI

<https://www.youtube.com>



7. All done! Whoever tap on the tag, their phones will open the link.

## Something More

You can pair the NFC tag with iOS all Shortcuts to do some simple automated actions.

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