

# RANDOM.ORG

Useful Applications

Generate Random Numbers

Search

True Random Number Service

## What's this fuss about *true* randomness?

Perhaps you have observed the mad haste with which computers can generate randomness. In reality, most random numbers used in computer programs are *pseudo-random*, which means that they are generated in a predictable fashion using a mathematical formula. This is fine for many purposes, but it may not be random in the way you expect if you're used to dice rolls and lottery drawings.

Some would argue that random numbers in nature are the answer. True randomness was first an atmospheric noise, which for many purposes is better than the pseudo-random number algorithm typically used in computer programs. People use RANDOM.ORG for building programs, lotteries and computer games, and gambling profits, for secret passwords and for a random number. The service has existed since 1999 and was built and is being operated by Alex H. Fisher of the School of Computer Science and Statistics at Trinity College, Dublin, Ireland.

As of today, RANDOM.ORG has generated 189011 billion random numbers for the online community.

**True Random Number Generator**

From:

To:

Generate

Result

Powered by RANDOM.ORG

Turn your laptop into a True Random

Go Random!

### FREE SERVICES: Games and Gambling

- Wheel Game: People perhaps the Internet's most popular with 100% odds (as also available for the casino game played at many casinos)
- Don't Toss: Roll your dice heads or tails in the numbers
- Jack Pot: Guess exactly what shows on the die
- Playing Card Shuffler will shuffle cards from our free shuffled decks
- Circle Fund Generator will break little holes for golf courses

### PAID SERVICES: Random Drawings

- Get a 100% free expense report to make winners for your company for free
- Charitable raffle service is the answer to your fundraising needs online

