

You are here on Tails, networking off

Five casino dice. Read left to right every time.

- 1 is 00. 2 is 01. 3 is 10. 4 is 11.
- 5 and 6 are not bits. Roll those dice again.
- Example: 4, 6, 1, 3, 2 becomes 11, skip, 00, 10, 01.
- Write only 0 and 1. At least 256 bits. Extra bits are folded down.

Three keys, three boots

1. Run the checked converter. Paste the bits. It prints 24 words. Word 24 is the check. Do not invent it.
2. Open the Ian Coleman page offline. Entropy type Binary. 24 words. Same bits. The words must match. If they differ, stop.
3. Write the words. Read them back once. Shut down. Wait for a dark screen.
4. Seed 2 is a new set of rolls. Seed 3 is a new set of rolls. Never continue a list from the previous boot.

On the Desktop: `python3 bip39_dice_converter.py`

Dice recording sheet

Read left to right. Write only 00 / 01 / 10 / 11. Leave a cell blank if that die was 5 or 6. Print extra copies — each seed needs ~50–60 shakes.

Seed # 1 2 3			Date _____	Reader _____	Checker _____	
#	Die 1	Die 2	Die 3	Die 4	Die 5	Bits this shake
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

Running bit count (filled pairs × 2): _____ Target ≥ 256, better 320–400. Do not photograph this sheet. Destroy it after the 24 words are stamped and verified.