Stream Cipher vs Block Cipher

	Stream Cipher	Block Cipher
Approach	Encrypt one symbol of plaintext directly into a symbol of ciphertext	Encrypt a group of plaintext symbols as one block
Pro	Fast	High diffusion
Cons	Low diffusion Key reused attack	Slow

Stream cipher and block cipher are often used together
- Stream cipher for encrypting <u>large volume of data</u>
- Block cipher for encrypting <u>fresh pseudo-random seeds</u>