

AES Algorithm:

Plain text:

Two One Nine Two [in ascii]

54776f204f6e65204e696e652054776f [in hex]

Key:

That's my Kung Fu [in ascii]

5468617473206d79204b756e67204675 [in hex]

Cipher Text:

29c3505f571420f6402299b31a02d73a [in hex]

)ÃP_Wö@"™×: [in ascii]

Deciphered Text:

54776f204f6e65204e696e652054776f [in hex]

Two One Nine Two [in ascii]

Using AES algorithm, the decrypted text:

Two One Nine Two

Key generation time: 0.015562057495117188 s

Encryption time: 0.1787121295928955 s

Decryption time: 0.2093799114227295 s

RSA Algorithm:

K	Key-Generation (ns)	Encryption (ns)	Decryption (ns)
16	3643200	27300	42400
32	3939100	33600	187400
64	4914500	22300	416300
128	10213400	13000	641900