

# the cryptopals crypto challenges (/)

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## Convert hex to base64

The string:

```
49276d206b696c6c696e6720796f757220627261696e206c696b65206120706f69736f6e6f7573206d757368726f6f6d
```

Should produce:

```
SSdtIGtpbGxpbmcgeW91ciBicmFpbkBsaWt1IGEgcG9pc29ub3VzIG11c2hyb29t
```

So go ahead and make that happen. You'll need to use this code for the rest of the exercises.

### Cryptopals Rule

Always operate on raw bytes, never on encoded strings. Only use hex and base64 for pretty-printing.

Cryptography Services (<https://cryptoservices.github.io/>) | NCC Group (<https://www.nccgroup.trust/us/>)