The Information exchange via any media needs privacy and secrecy. Cryptography is widely used for providing privacy and secrecy between the sender and receiver. But, now, along with Cryptography, we are using Steganography to have more protection to our hidden data. In this paper, we show how a JPEG can be used as an embedding space for a message by adjusting
the values in the JPEG Quantization tables (QTs). This scheme also uses some permutation algorithms and it can be widely used for secret communication. This JPEG double compression will give satisfactory decoded results.

**Reference**


**Index Terms**

Computer Science  
Signal Processing

**Key words**

- Quantization Tables  
- JPEG Compression

- Steganography
Double Compression