

Difference Between HTTP and HTTPS

HTTP (HyperText Transfer Protocol) and HTTPS (HyperText Transfer Protocol Secure) are protocols used for transferring data over the web. HTTPS is the secure version of HTTP that uses encryption to protect data.

Feature	HTTP	HTTPS
Full Form	HyperText Transfer Protocol	HyperText Transfer Protocol Secure
Security	Not Secure	Secure
Encryption	No Encryption	Uses SSL/TLS Encryption
Port Number	80	443
URL Format	http://	https://
Data Protection	Data can be intercepted	Data is encrypted and protected
SEO Ranking	Lower	Higher
Trust Level	Less trust	High trust (Lock symbol)
Usage	Blogs, informational sites	Banking, E-commerce, Login pages

Conclusion: HTTPS is strongly recommended for all modern websites because it ensures secure communication, protects user data, and improves search engine ranking.