Unix Timestamp Converter

Convert Unix timestamps to UTC ISO dates or convert a UTC date and time to a timestamp. Choose seconds or milliseconds explicitly instead of guessing from the number’s length.

Formula: timestamp seconds = UTC milliseconds since 1970-01-01T00:00:00Z / 1000

INPUTS AND EXAMPLE VALUES

Direction: toDate; choices: toDate (Timestamp to UTC date), toStamp (UTC date to timestamp)

Unix timestamp: 0

Timestamp unit: seconds; choices: seconds (Seconds), milliseconds (Milliseconds)

UTC date: 1970-01-01

UTC time: 00:00

CHECK THE DEFAULT EXAMPLE

UTC date and time: 1970-01-01T00:00:00.000Z

LIMITS AND CONVENTIONS

Negative timestamps represent times before the Unix epoch.

No leap-second representation or local-time-zone conversion is included.

Calendar-date inputs and calculated calendar dates must stay within years 0001-9999.

METHOD AND SOURCES

https://azhanmh.com/guides/tools/unix-timestamp-converter

ECMAScript - Date time values, epoch and leap-second model: https://tc39.es/ecma262/multipage/numbers-and-dates.html#sec-time-values-and-time-range

Display precision is for reporting; keep unrounded values for later calculations. Verify units and conventions. This reference does not replace institution, employer or network rules.