Day of the Week Calculator

Look up the weekday of a Gregorian calendar date. Date-only arithmetic validates the calendar date and avoids changes caused by the browser’s local time zone.

Formula: weekday = Gregorian calendar date modulo seven-day cycle

INPUTS AND EXAMPLE VALUES

Calendar date: 2026-01-01

CHECK THE DEFAULT EXAMPLE

Weekday: Thursday

LIMITS AND CONVENTIONS

The tool uses the proleptic Gregorian calendar, not historical local calendar reforms.

The result is a weekday for a date, not a time-of-day or a browser-local timestamp conversion.

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

METHOD AND SOURCES

https://azhanmh.com/guides/tools/day-of-the-week-calculator

MDN - Date.UTC and calendar-date construction: https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Date/UTC

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.