# ms

[Build Status](https://travis-ci.org/zeit/ms) [Slack Channel](https://zeit.chat/)

Use this package to easily convert various time formats to milliseconds.

## Examples

ms('2 days') // 172800000

ms('1d') // 86400000

ms('10h') // 36000000

ms('2.5 hrs') // 9000000

ms('2h') // 7200000

ms('1m') // 60000

ms('5s') // 5000

ms('1y') // 31557600000

ms('100') // 100

### Convert from milliseconds

ms(60000) // "1m"

ms(2 \* 60000) // "2m"

ms(ms('10 hours')) // "10h"

### Time format written-out

ms(60000, { long: true }) // "1 minute"

ms(2 \* 60000, { long: true }) // "2 minutes"

ms(ms('10 hours'), { long: true }) // "10 hours"

## Features

* Works both in [node](https://nodejs.org) and in the browser.
* If a number is supplied to ms, a string with a unit is returned.
* If a string that contains the number is supplied, it returns it as a number (e.g.: it returns 100 for '100').
* If you pass a string with a number and a valid unit, the number of equivalent ms is returned.

## Caught a bug?

1. [Fork](https://help.github.com/articles/fork-a-repo/) this repository to your own GitHub account and then [clone](https://help.github.com/articles/cloning-a-repository/) it to your local device
2. Link the package to the global module directory: npm link
3. Within the module you want to test your local development instance of ms, just link it to the dependencies: npm link ms. Instead of the default one from npm, node will now use your clone of ms!

As always, you can run the tests using: npm test