

# ms

build

unknown

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on spectrum

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
ms('-3 days') // -259200000
ms('-1h')     // -3600000
ms('-200')    // -200
```

## Convert from Milliseconds

```
ms(60000) // "1m"
ms(2 * 60000) // "2m"
ms(-3 * 60000) // "-3m"
ms(ms('10 hours')) // "10h"
```

## Time Format Written-Out

```
ms(60000, { long: true }) // "1 minute"
ms(2 * 60000, { long: true }) // "2 minutes"
ms(-3 * 60000, { long: true }) // "-3 minutes"
ms(ms('10 hours'), { long: true }) // "10 hours"
```

## Features

- Works both in [Node.js](#) 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 milliseconds is returned

## Related Packages

- [ms.macro](#) - Run `ms` as a macro at build-time.

## Caught a Bug?

1. [Fork](#) this repository to your own GitHub account and then [clone](#) 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.js will now use your clone of ms!

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