



# What is the Smart Units Converter?

Smart Units Converter is a **multi-platform browser extension** that allows easy conversions between different units like currency, time, length and more!

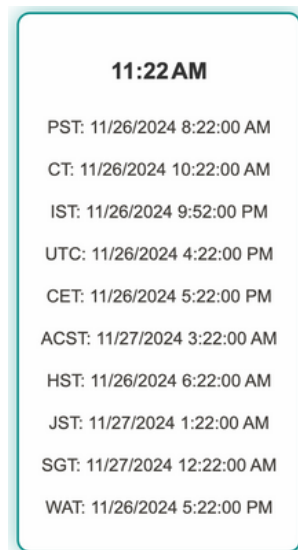
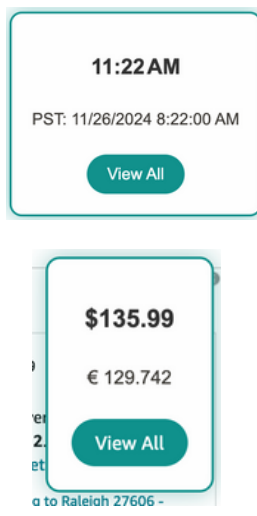
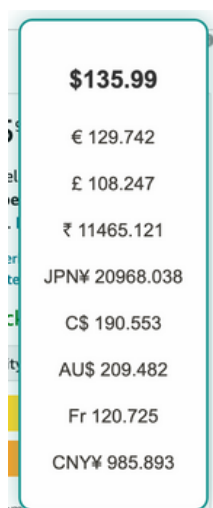
The **modal** allows for easy and quick conversion of on-screen currency and time while still allowing the user to see the screen.

The **pop-up** creates a more expansive conversion experience, doing the conversion of 13 different unit types like angle or energy while including functionality like dark mode or historical data.

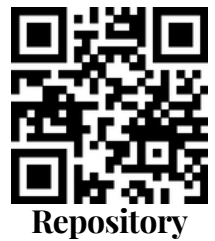
## Why Smart Units?



- Allows users to get real time conversion of units: length, currency, time, weight, etc.
- Easily deployable to Google Chrome and Firefox!
- Provides a consistent and clean UI with light and dark mode capabilities
- Easy access to historical data for currency data



Team 13  
Nick Case  
Hannah Estes  
Satwika Kancharla



Repository

### M1: Make the Extension Cross-Platform

Make the browser extension useable on both Google Chrome and Mozilla Firefox

### M2: Distinguish between Ambiguous Currency

Some currencies around the world use the same currency symbols like the US Dollar and the Canadian Dollar, but they have different conversion rates and need to be distinguished.

### M3: Update Extension UI

General updates to the UI of the extension, including standardizing the size of the popup, removing the "view-all" button once click and other miscellaneous changes

### M4: Create Additional Time Zones for Conversion

Additional times zones were added to convert to when selecting times using the modal, allowing for a more information for the user.

### M5: Custom Themes & Persist Dark Mode

Allow for more customizability within the extension with custom themes and a dark that can persist after closing the browser.

## Tests

244 passing tests!

## Code

Coverage  
92%

