

A large teal circle is centered on a white background. On the left and right sides of the circle, there are several horizontal gray bars of varying lengths, creating a symmetrical, architectural-like frame.

HOUSING IN THE UNITED STATES

A DESIGN DECK

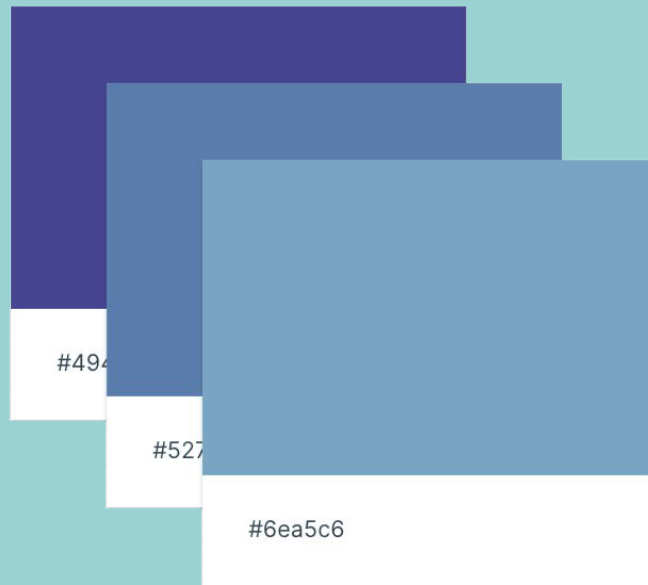
DESIGN COMPONENTS

- Map
- Interactive elements
- Info panel

FONTS

- Titles: **Didot**
- Subtitles: **Helvetica**
- Numbers and Text: **DIN**
Alternative

COLOR STORY



MOBILE DESIGN - BASE LAYOUT

Menu drops down and presents data source and link to GitHub repository

Radio buttons, selecting year to show on map for calculating affordability

Typing in a net income will calculate affordability

Map responds to pinch, zoom, and tap

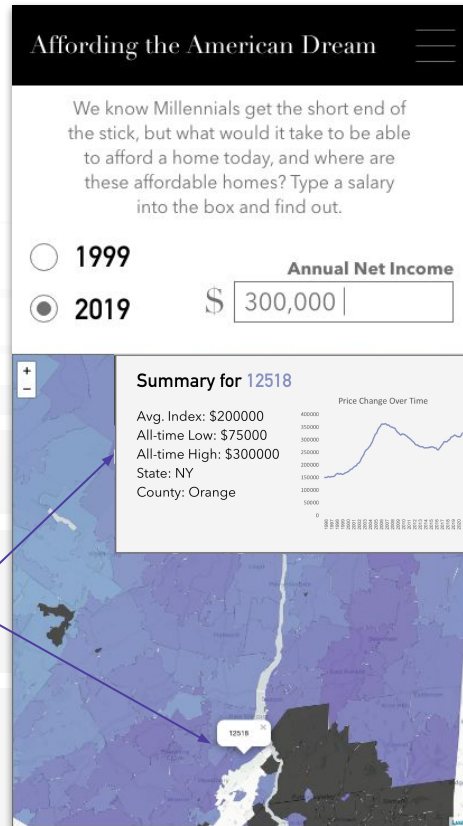
The image shows a mobile application interface titled "Affording the American Dream". At the top, there is a black header with the title and a hamburger menu icon. Below the header, there is a paragraph of text: "We know Millennials get the short end of the stick, but what would it take to be able to afford a home today, and where are these affordable homes? Type a salary into the box and find out." Below this text, there are two radio buttons for selecting a year: "1999" (unselected) and "2019" (selected). To the right of the radio buttons is a text input field labeled "Annual Net Income" with a dollar sign icon. Below the input field is a map of the United States and Mexico, with the United States highlighted in grey. The map has a zoom control in the top left corner with "+" and "-" buttons. At the bottom of the map, there is a small text: "Leaflet | © OpenStreetMap contributors".

MOBILE DESIGN - INTERACTIVE

User will be able to discover what they could theoretically afford in the selected year

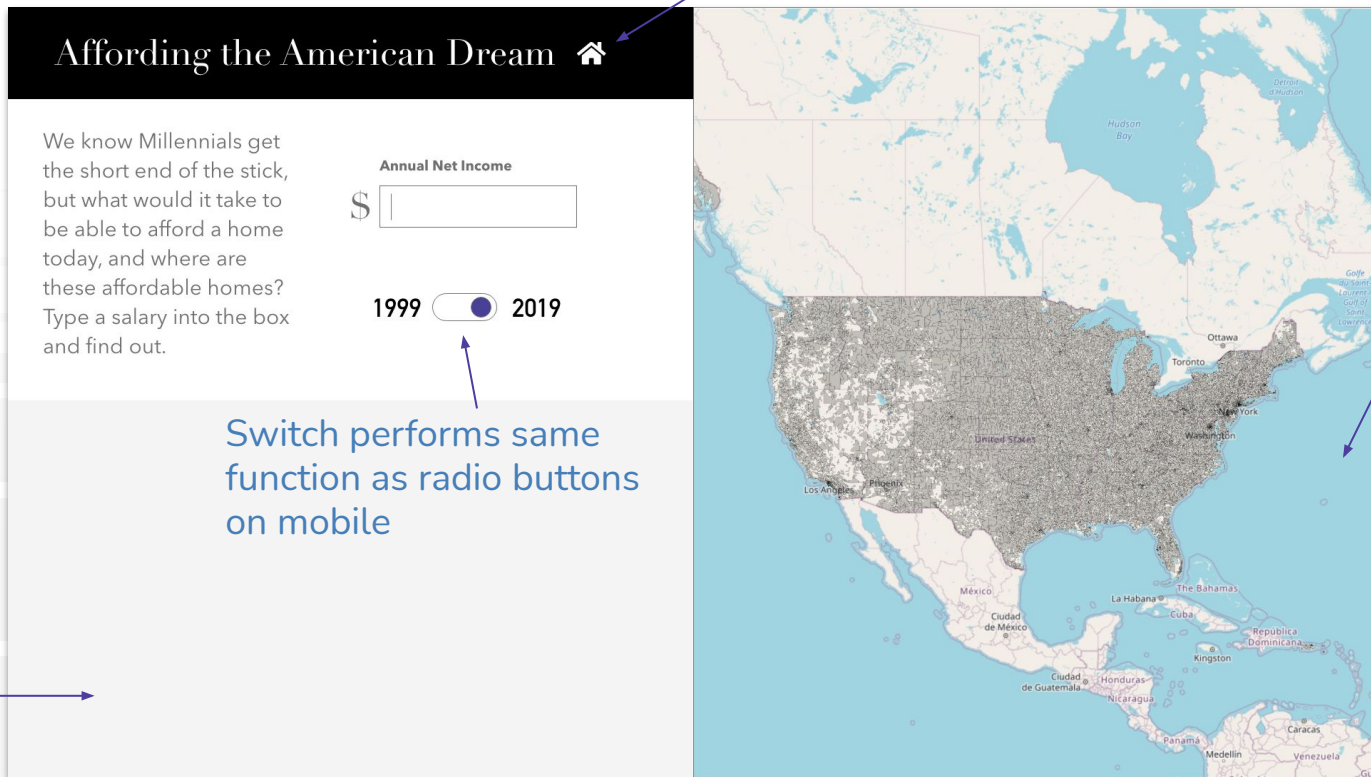
Entering a number will color areas of the map that follow a set formula of “affordability”

Tapping a zip code on the map will elicit a pop-up bubble and populate an info panel



DESKTOP DESIGN - BASE LAYOUT

Similar structure to mobile, where the home drops down the same links, turns blue on hover

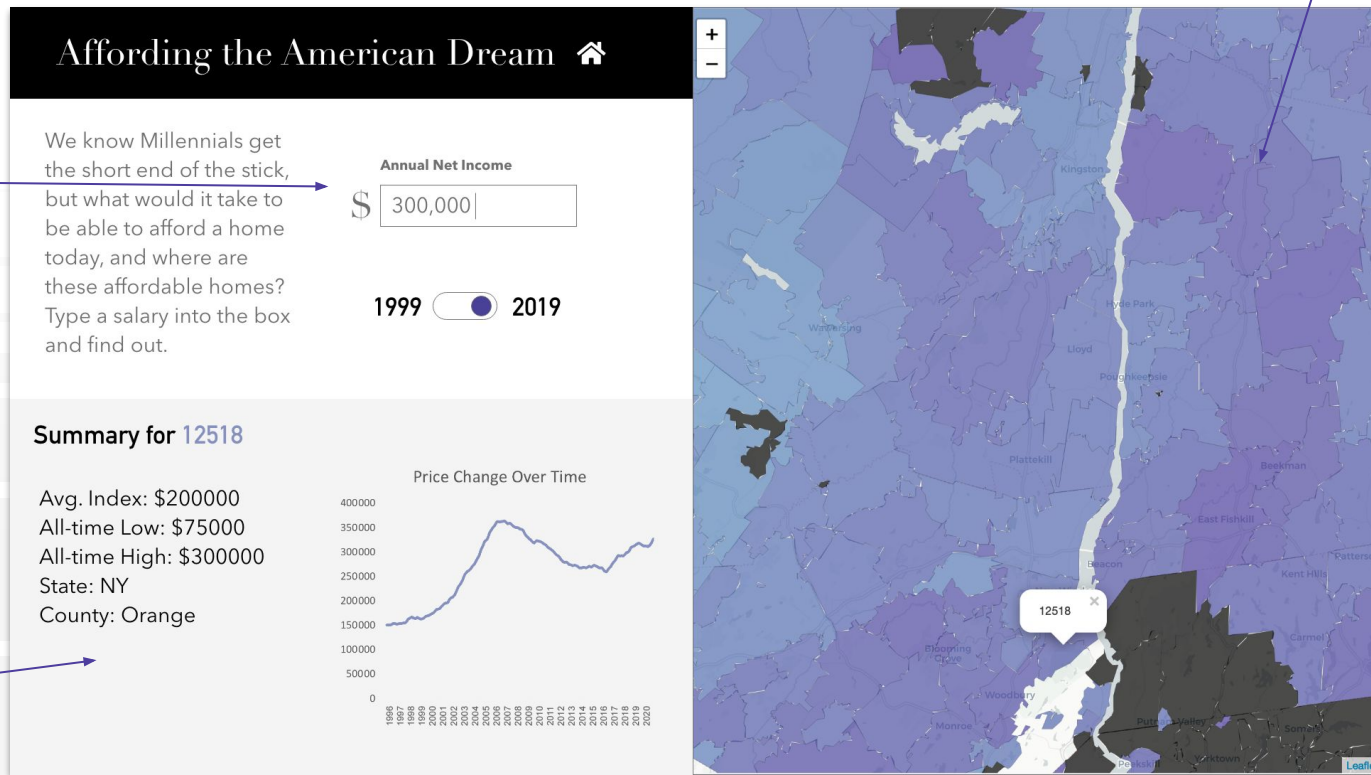


Info panel empty in preparation



DESKTOP DESIGN - INTERACTIVE

Entering text
will activate the
calculator
and apply color



On click, map will show zip code
and populate info panel; zooms
on scroll, pans on drag

Infopanel
populates on
click,
showing info
for selected
zip code

For more info:

- [Repository](#)
- [Working prototype - NY 2019](#)

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Interactive Data Vis Studio - Fall 2020

