

IWillVote Widget Developer Guide

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- ★ The IWillVote Widget is a voting location lookup form that you can easily embed on your website.

Find where you can vote

Different states have different voting options. Enter your home address below, and we'll show you your choices.

HOME STREET ADDRESS *
For example: 100 Main St NW Apt A

ZIP CODE *

Search

- ★ Questions? Contact the DNC Tech Team: tech-community@dnc.org

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Table of Contents

[Background](#)

[Getting Started](#)

[Language Options](#)

[Customizing the Widget](#)

[Header](#)

[Fonts and Colors](#)

[Advanced Styling](#)

[Widget analytics](#)

[FAQs](#)

[Who is the widget for?](#)

[What types of locations are provided on IWillVote?](#)

Background

The IWillVote Widget helps voters easily find their polling location (including ballot drop boxes and drop offs) from your website. Voting locations are sourced directly from each state, then standardized, geocoded, and quality checked by the DNC. For more information about how the DNC sources polling location information, [check out this article](#).

With just a few lines of code, you can embed the IWillVote polling location widget on your website and customize the style to match your brand.

Getting Started

To show the IWillVote Widget on your webpage, add a few lines of code to your page's HTML.

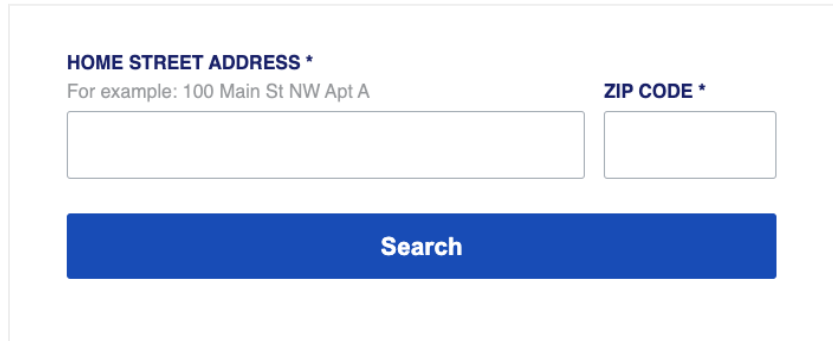
Step 1: Add the widget's stylesheet to the `<head>` of your page.

```
<link href="https://iwillvote.com/locate/widget-v2.css"
rel="stylesheet" />
```

Step 2: Add the widget's root element and JavaScript to the `<body>` of your page, in the place that you'd like the widget to show up.

```
<div id="i-will-vote-widget"></div>
<script src="https://iwillvote.com/locate/widget-v2.js"></script>
<script type="text/javascript">
  IWillVoteLocationSearch.init();
</script>
```

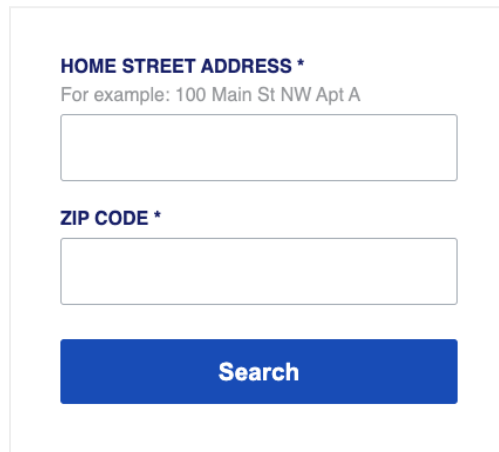
That's it! Fire up your web browser, and you should see the widget on your webpage.



A screenshot of a search widget in a wide container. At the top left, the text "HOME STREET ADDRESS *" is displayed in bold, with "For example: 100 Main St NW Apt A" below it. To the right, "ZIP CODE *" is displayed in bold. Below these labels are two input fields: a wide one for the address and a narrower one for the zip code. At the bottom center is a blue button with the word "Search" in white text.

Wide widget without header

The widget automatically adjusts its layout based on the width of its container.



A screenshot of the same search widget in a narrow container. The "HOME STREET ADDRESS *" label and example text are at the top. Below it is a single wide input field. The "ZIP CODE *" label is positioned below the address field, with its corresponding input field below that. The blue "Search" button is at the bottom center.

Narrow widget without header

Full webpage code example:

```
<!DOCTYPE html>
<html>
  <head>
    <title>I Will Vote Widget</title>
    <link href="https://iwillvote.com/locate/widget-v2.css"
rel="stylesheet" />
  </head>
  <body>
    Some content on your webpage...

    <div id="i-will-vote-widget"></div>
    <script src="https://iwillvote.com/locate/widget-v2.js"></script>
    <script type="text/javascript">
      IWillVoteLocationSearch.init();
    </script>

    Some other content on your webpage...
  </body>
</html>
```

Language Options

The widget can be displayed in English or Spanish. Use the `locale` parameter to set the language. For example, to set the widget to Spanish:

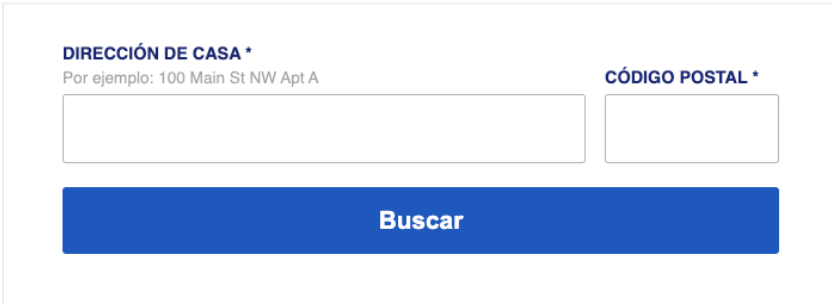
```
IWillVoteLocationSearch.init({  
  locale: 'es'  
});
```

The current `locale` options are:

- `'en'` – English
- `'es'` – Spanish

When using ES locale, you may need to specify a “UTF-8” character set in the `<head>` of your page to get text to display correctly.

```
<meta charset="UTF-8" />
```



DIRECCIÓN DE CASA *
Por ejemplo: 100 Main St NW Apt A

CÓDIGO POSTAL *

Buscar

Spanish language widget

Customizing the Widget

Header

Use the `showHeader` parameter to display the widget with IWillVote's default header text.

```
IWillVoteLocationSearch.init({  
  locale: 'es',  
  showHeader: true  
});
```

Encuentra dónde puedes votar

Diferentes estados tienen diferentes opciones para votar.
Ingresar tu dirección de casa a continuación, y te mostraremos tus opciones.

DIRECCIÓN DE CASA *
Por ejemplo: 100 Main St NW Apt A

CÓDIGO POSTAL *

Buscar

Spanish language widget with header text

If you prefer to omit this header or use your own, omit the `showHeader` parameter from the `init()` call.

Fonts and Colors

The widget comes with a set of style variables that you can customize. To set custom font properties or colors¹, add a `<style>` tag below the `widget-v2.css` import:

```
<head>
  <title>I Will Vote Widget</title>
  <link href="https://iwillvote.com/locate/widget-v2.css"
rel="stylesheet" />
  <style>
    #i-will-vote-widget {
      --base-font-family: 'Roboto';
      --base-font-size: 95%;
      --header-font-color: #746462;
      --button-background-color: #abdbff;
      --button-font-color: #004378;
      --button-hover-background-color: #97d2ff;
      --button-hover-font-color: #004378;
    }
  </style>
</head>
```

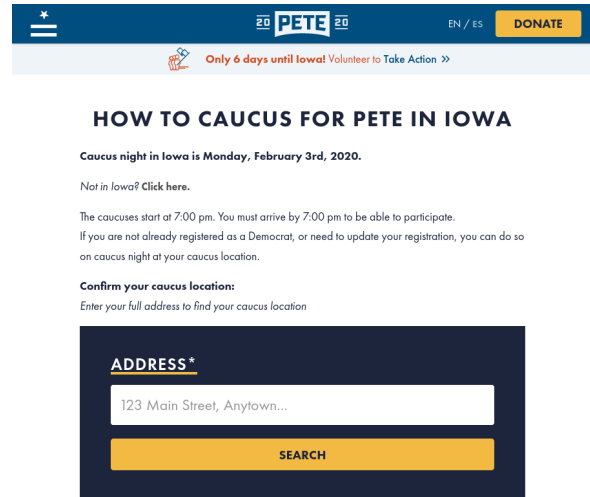
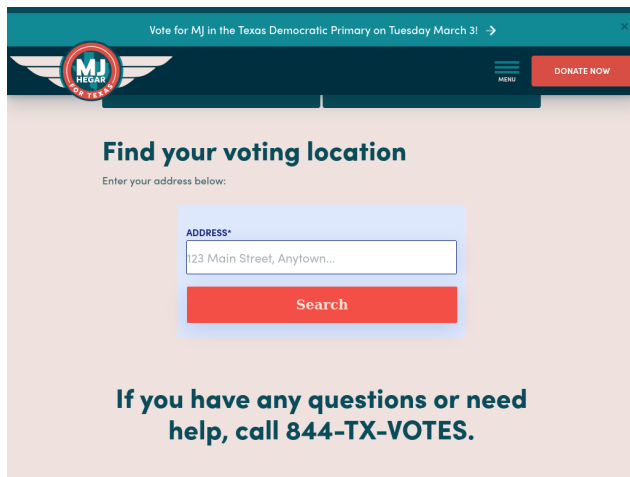
No need to include every variable; just add the ones you'd like to customize.

If you prefer, you can add the variables to your own `.css` file instead of a `<style>` tag. Just be sure to import your `.css` file *after* `widget-v2.css`.

¹ For information about specifying colors, see <https://developer.mozilla.org/en-US/docs/Web/CSS/color>

Common widget variables and example values:

| Variable | Example values |
|--|---------------------------|
| <code>--base-font-family</code> The name or type of a font for the widget to use | 'Open Sans' sans-serif |
| <code>--base-font-size</code> The font size multiplier for all text within the widget | 90% 1.2em |
| <code>--header-font-color</code> The color of the header text | rebeccapurple #663399 |
| <code>--button-background-color</code> The color of the button in its normal state | #abdbff |
| <code>--button-font-color</code> The color of the button text | #004378 |
| <code>--button-hover-background-color</code> The color of button when the mouse is hovered over it | #5595ec |
| <code>--button-hover-font-color</code> The color of the button text when the mouse is hovered over the button | white #ffffff |



Examples of the IWillVote widget in action during the 2020 primary. Note: These examples show a previous version of the widget. The new version has updated address fields.

Advanced Styling

If you'd like to customize the appearance of the widget even further, refer to the full list of IWillVote Widget variables:

- `--widget-width`
- `--base-font-color`
- `--base-font-family`
- `--base-font-size`
- `--header-font-color`
- `--label-font-color`
- `--input-background-color`
- `--input-border-color`
- `--input-border-radius`
- `--input-font-color`
- `--input-hover-border-color`
- `--button-background-color`
- `--button-border-radius`
- `--button-font-color`
- `--button-hover-background-color`
- `--button-hover-font-color`

Alternatively, if you're savvy with CSS and would like to customize the widget beyond the options provided by the variables, you can override the styles in

<https://iwillvote.com/locate/widget-v2.css>.

Widget analytics

To help the DNC improve IWillVote and analyze website traffic, please add the following utm parameter:

```
IWillVoteLocationSearch.init({  
  campaign: 'YOUR_UNIQUE_ID'  
});
```

This parameter gets passed to the URL of the results page. For example:

```
https://iwillvote.com/locate/results?lang=en&state=&utm_source=embed&utm_campaign=YOUR_UNIQUE_ID&address=999+Rainbow+Rd%2C+12345
```

The DNC is not maintaining a catalog of utms, so make sure your **campaign** value is 1) identifiable and 2) more likely to be unique. For example, “FlyforSenate2020Homepage” is a stronger choice than “2020Election”.

Note: At this time, the DNC cannot provide widget analytics to external organizations. Including the tracking parameter, will help our team improve the product and analyze performance after the election.

FAQs

Who is the widget for?

Anyone who is interested in helping voters access up-to-date information about where they can vote! The more voters who have accurate information about where, when, and how they can vote, the stronger our democracy will be.

What types of locations are provided on IWillVote?

IWillVote shows the voting locations available in each state. Depending on the state IWillVote includes early voting and election day locations, as well as drop boxes and drop off locations. We partner with each state to make sure the information is up-to-date and accurate.