

# Style Conference Part II

Start by adjusting our box size to use the border-box version of the box model, which will make sizing all of our elements much easier.

- From there, we can use the universal selector, \*, along with universal pseudo-elements, \*:before and \*:after, to select every imaginable element and change the box-sizing to border-box.
- ❑ *We need to include vendor prefixes for the box-sizing property*
  - ❑ *Vendor prefixes are one way browsers use to give us CSS developers access to newer features not yet considered stable.*

```
1  /*
2  |=====
3  |  Grid
4  |=====
5  */
6
7  *,
8  *:before,
9  *:after {
10 |   -webkit-box-sizing: border-box;
11 |   -moz-box-sizing: border-box;
12 |   box-sizing: border-box;
13 }
```

- Create a selector with a class of **container**. Within this selector let's set our **width to 960 pixels**, our left and right **padding to 30 pixels**, our **top and bottom margins to 0**, and our **left and right margins to auto**.

```
1  .container {
2      margin: 0 auto;
3      padding-left: 30px;
4      padding-right: 30px;
5      width: 960px;
6  }
```

- 
- Now that we have a container class available to use, go ahead and apply the class of container throughout our HTML to the `<header>` and `<footer>` elements on each page, including the `index.html`, `speakers.html`, `schedule.html`, `venue.html`, and `register.html` files.

```
1 <header class="container">...</header>
2
3 <footer class="container">...</footer>
```

- Let's center the rest of the content on our pages. On the home page, our `index.html` file, let's add the class of container to each `<section>` element on the page, one for our hero section (the section that introduces our conference) and one for our teasers section. Additionally, wrap all of the `<h1>` elements on each page with a `<section>` element with the class of container.

```
8 <section class="container">
9 |   <h1>...</h1>
10 </section>
```

## We'll be back to this content but for now we are headed in the right direction

- Now that all of the content is centered, create some vertical spacing between elements. For starters, place a **22-pixel bottom margin** on a few of our heading and paragraph elements.

```
8 h1, h3, h4, h5, p {
9 |   margin-bottom: 22px;
10 | }
11
```

- We also need to create a border and some rounded corners. Start by placing a button within the top **<section>** element on our home page, just below the header.
- Previously we added an **<a>** element within this **<section>** element. Let's **add the classes of btn and btn-alt to this anchor.**

```
12 <a class="btn btn-alt">...</a>
13
```

Now let's create some styles for those classes within our **CSS**. Below our typography rule set, let's create a new section of the CSS file for buttons.

- To begin, **add the btn class** and apply some common styles that can be shared across all buttons. We'll want all of our buttons to have a **5-pixel border-radius**. They should be **displayed as inline-block** elements so we can **add padding around all four sides** without issue; we'll remove any margin.
- We'll also want to include styles specific to this button, which is done by using the **btn-alt class**. Here, **add a 1-pixel, solid, gray border with 10 pixels of padding on the top and bottom of the button and 30 pixels of padding on the left and right of the button.**

```
16 .btn {
17     border-radius: 5px;
18     display: inline-block;
19     margin: 0;
20 }
21
22 .btn-alt {
23     border: 1px solid #dfe2e5;
24     padding: 10px 30px;
25 }
```

Next create CSS for the home page styles, we'll use the **class of hero** to apply padding around all four sides of the **<section>** element.

- Because we're working on the home page, let's also add a bit of padding to the **<section>** element that contains our **<a>** element **with the classes of btn and btn-alt**. We'll do so by **adding a class attribute value of hero to the <section>** element, alongside the container class attribute value, as this will be the leading section of our website.

---

```
15 <section class="hero container">
16 |   ...
17 </section>
```

```
27 .hero {
28 |   padding: 22px 80px 66px 80px;
29 | }
```