

1 of 3 8/19/2019, 6:50 PM On smaller sites, how you organize your styles isn't usually a big concern. However, in larger projects, how you organize your code is key. Nowadays, most of the companies use at least one method of CSS naming methodology to ensure performance, structure and maintanibility.

BEM is the abbreviation of Block, Element, Modifier:

- Block: Standalone entity that is meaningful on its own (header, menu, input),
- Element: A part of a block that has no standalone meaning and is semantically tied to its block. (header -> title, menu -> item)
- Modifier: Use them to change appearance or behavior. (header -> title -> active, menu -> item -> highlighted)

Using BEM

```
<button class="button">
       Normal button
</button>
<button class="button button--state-success">
        Success button
</button>
<button class="button button--state-danger">
        Danger button
</button>
.button {
        display: inline-block;
        border-radius: 3px;
        padding: 0.5rem 0.75rem;
        border: 1px solid #D5D5D5;
        background-image: linear-gradient(#EEE, #DDD);
        font: 700 13px/18px Helvetica, arial;
}
.button--state-success {
        color: #FFF:
        background: #569E3D linear-gradient(#79D858, #569E3D) repeat-x;
        border-color: #4A993E;
}
.button--state-danger {
        color: #900;
}
```

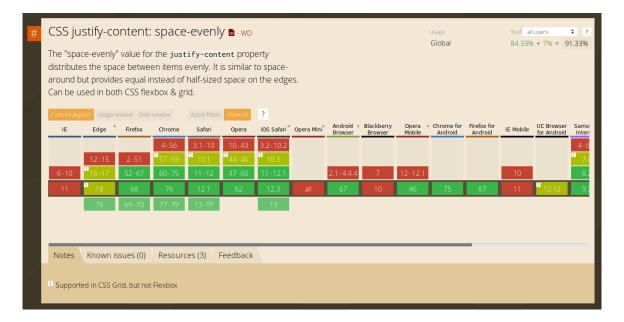
Further reading:

- Bem Documentation
- Bem Methodology for small projects

Caniuse && Feature Queries

Not every CSS and JS feature is supported for every browser. Some projects may require to support an old version of a browser and we might not be able to use this feature. It is very important to ensure that the browsers we expect our customers are going to use are supported by our code. "Can I use" provides up-to-date browser support tables for support of front-end web technologies on desktop and mobile web browsers.

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For example, can I use flexbox in every browser? No, some browsers like Internet Explorer 11 do not support standard CSS flexbox

In case a browser does not support a feature, we can query if the browser does support this feature and offer an alternative:

```
div {
    display: flex;
}

@supports (display: grid) {
    div {
        display: grid;
    }
}
```

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